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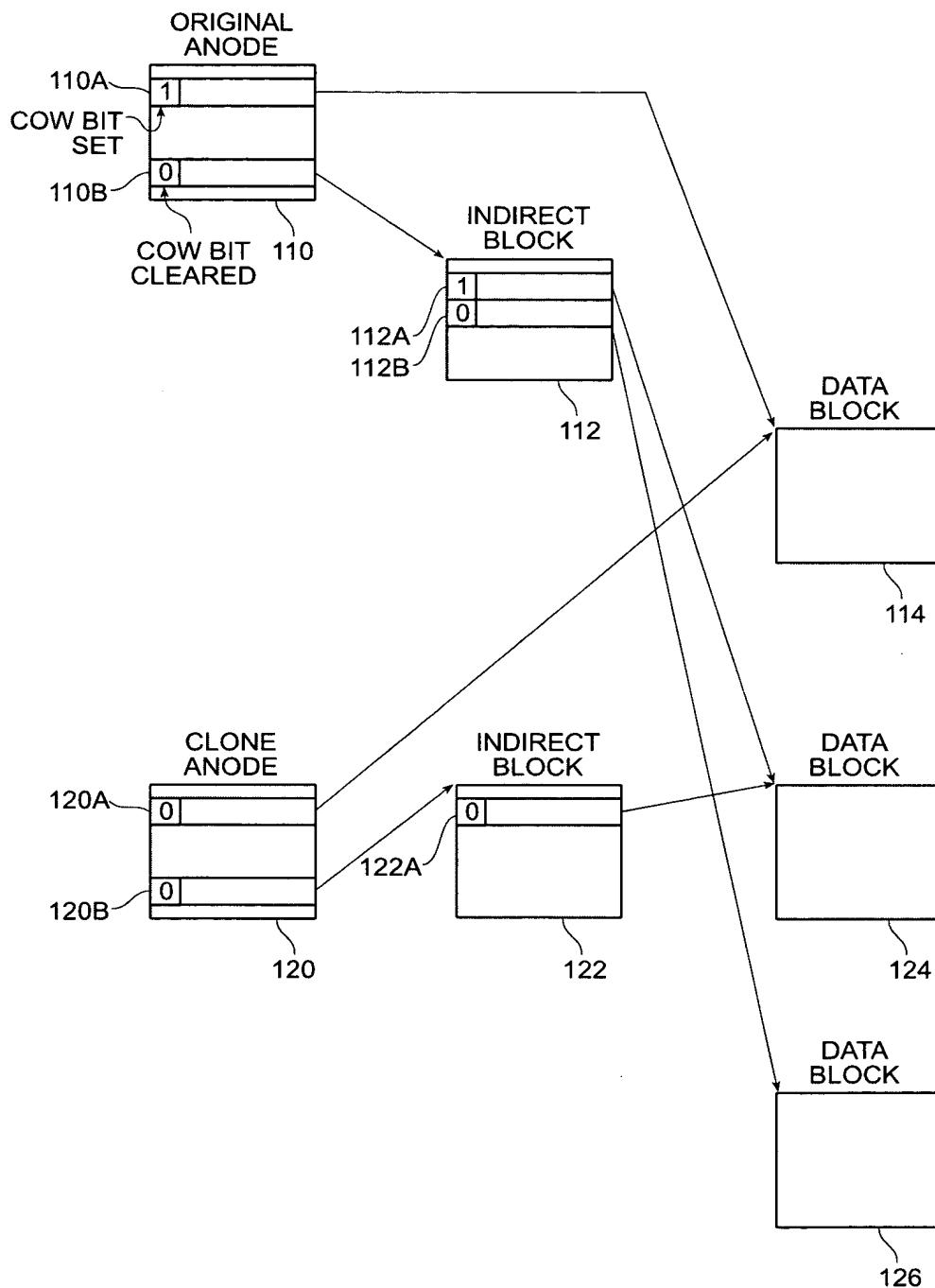


FIG. 1
PRIOR ART

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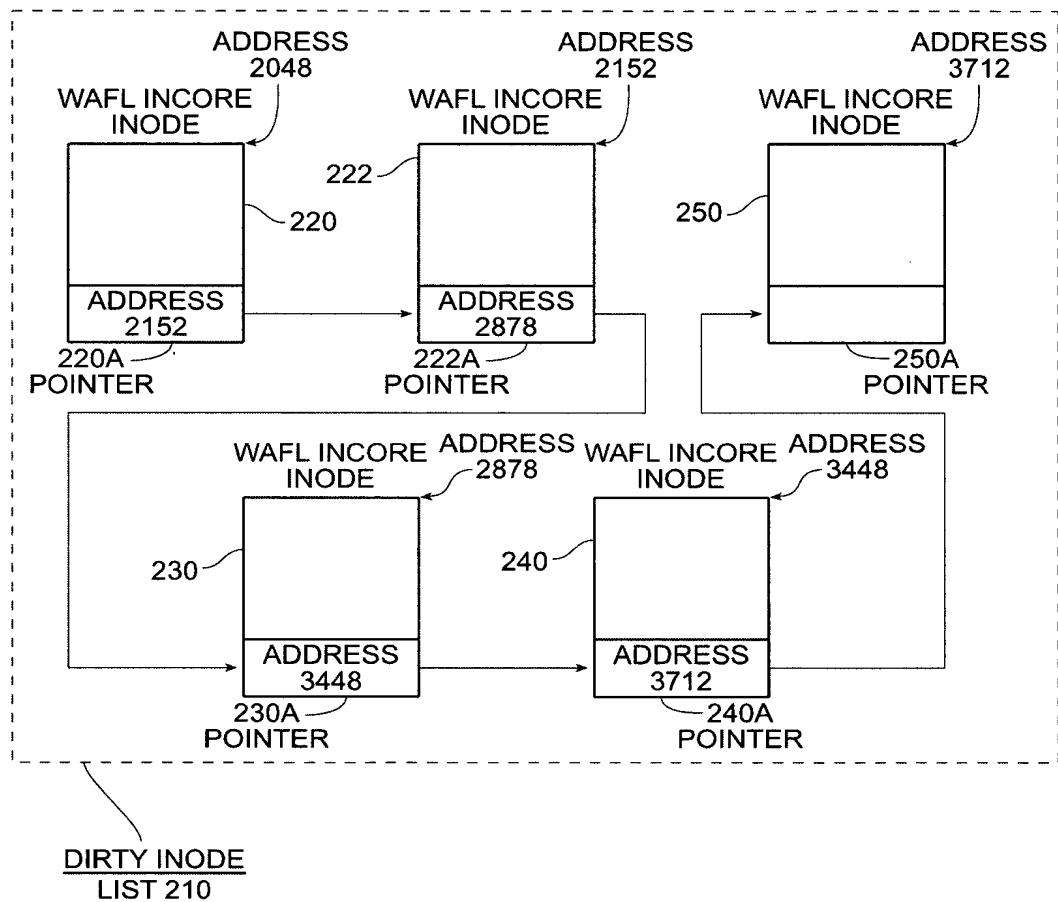


FIG. 2

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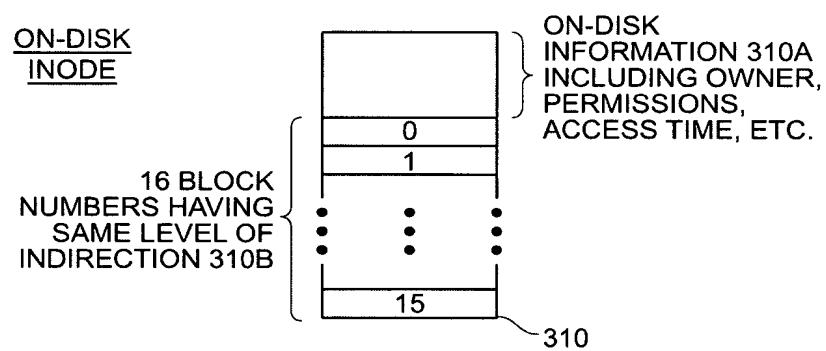


FIG. 3

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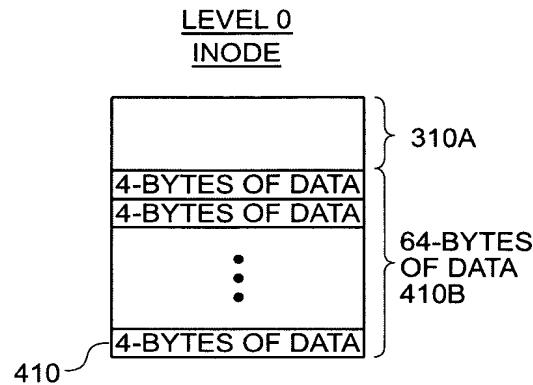


FIG. 4A

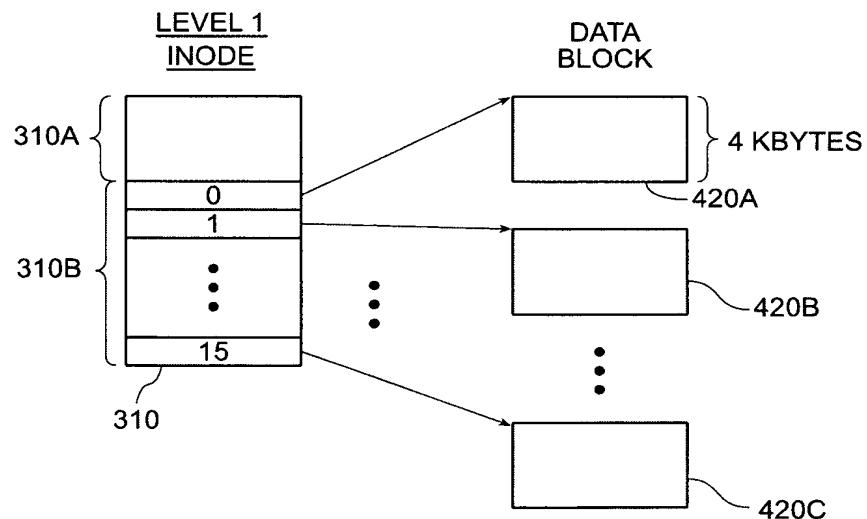


FIG. 4B

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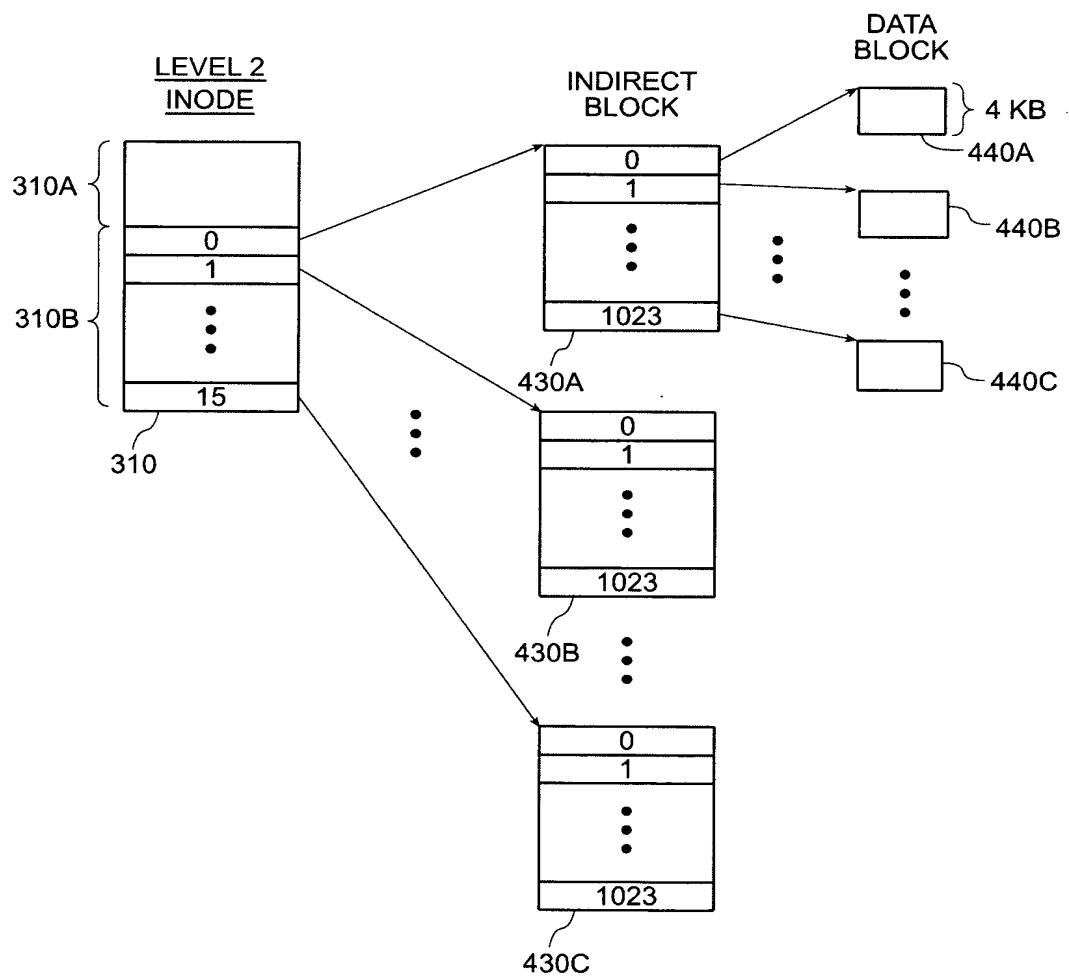


FIG. 4C

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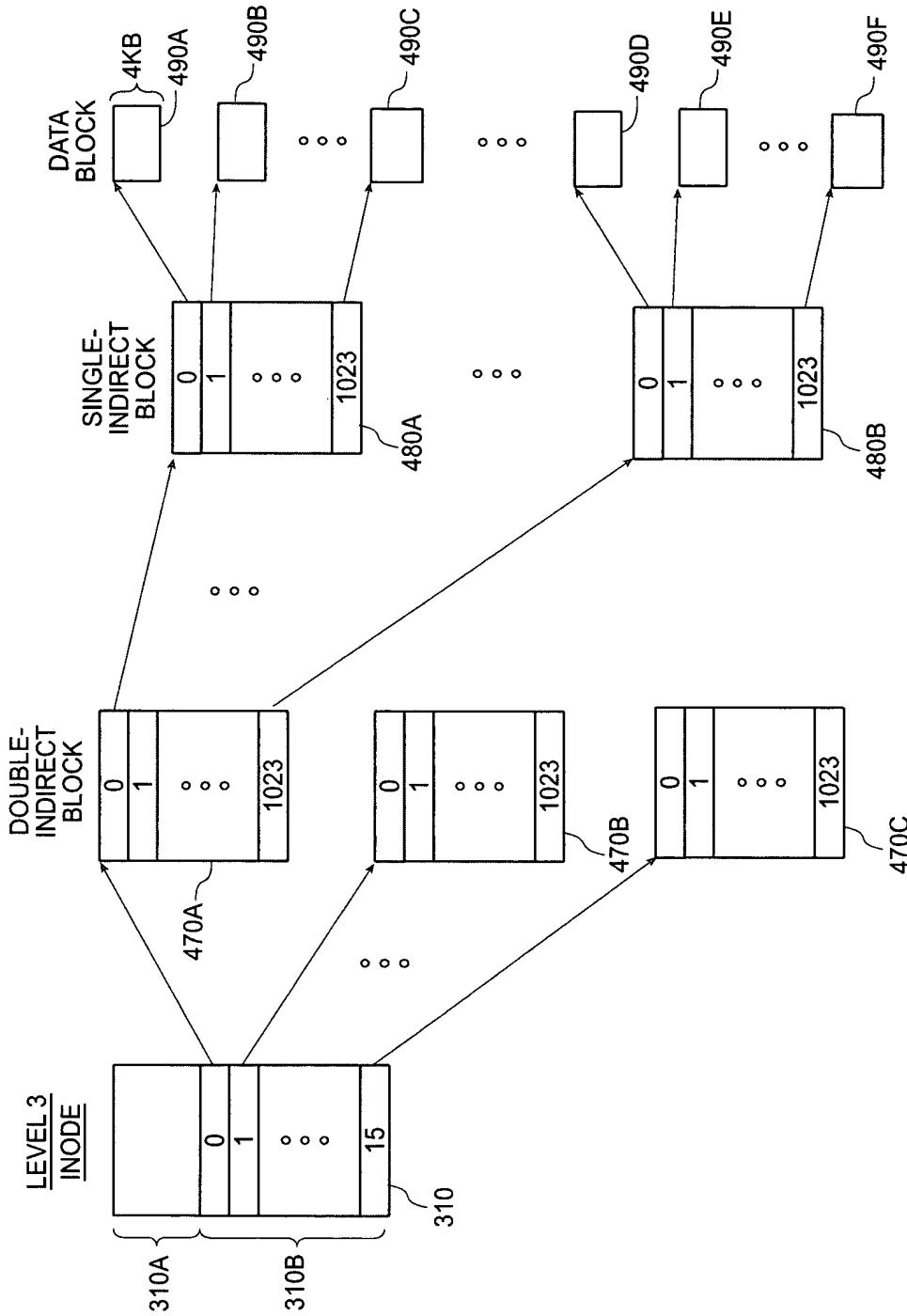


FIG. 4D

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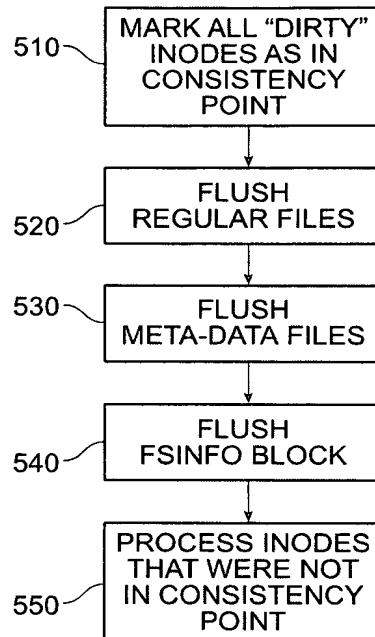


FIG. 5

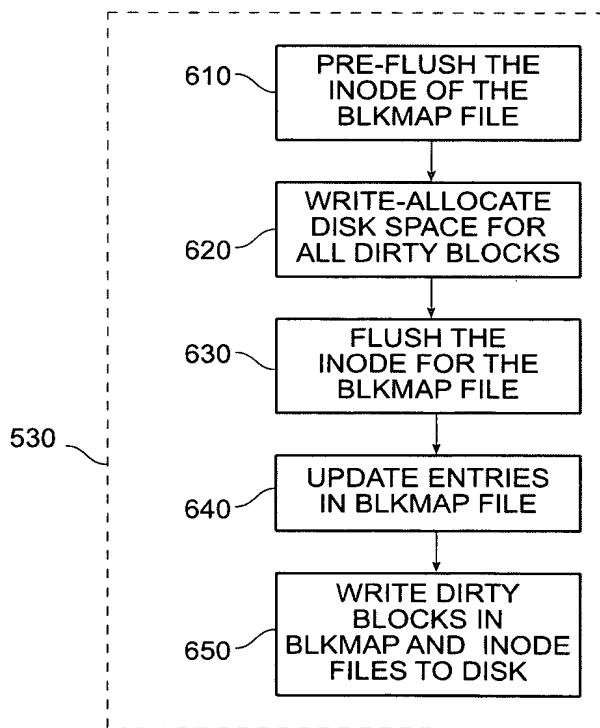


FIG. 6

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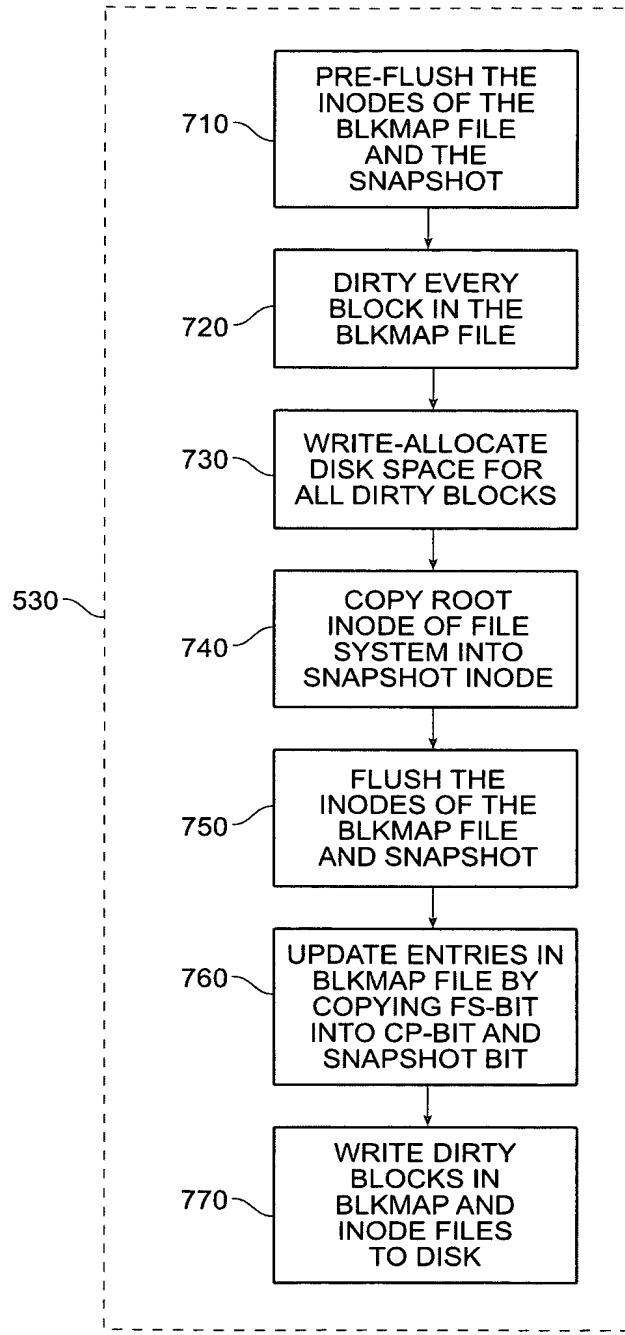


FIG. 7

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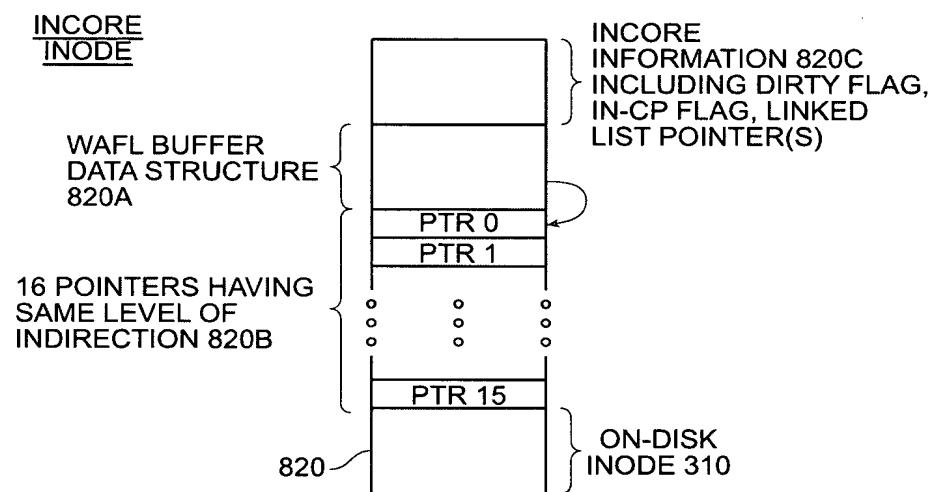


FIG.8

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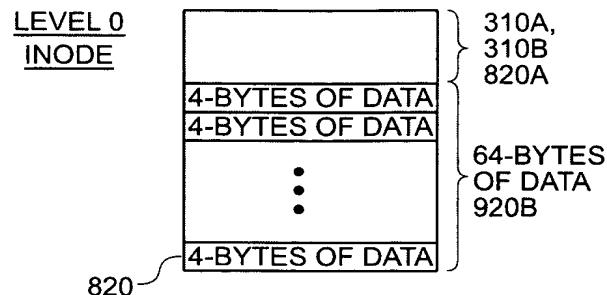


FIG. 9A

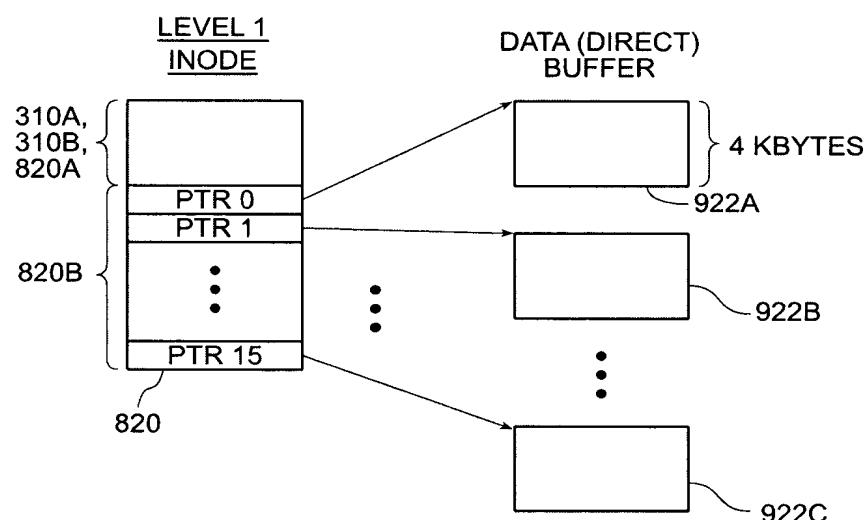


FIG. 9B

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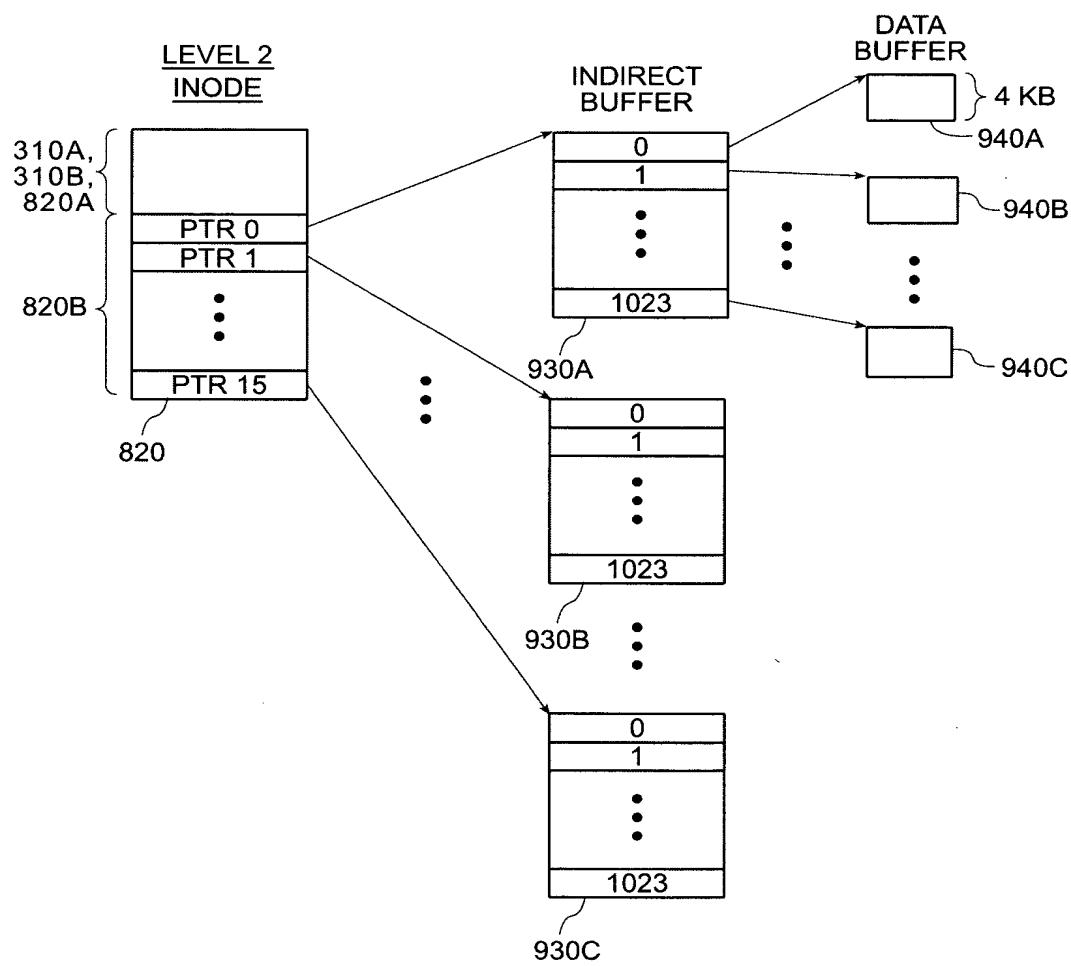


FIG. 9C

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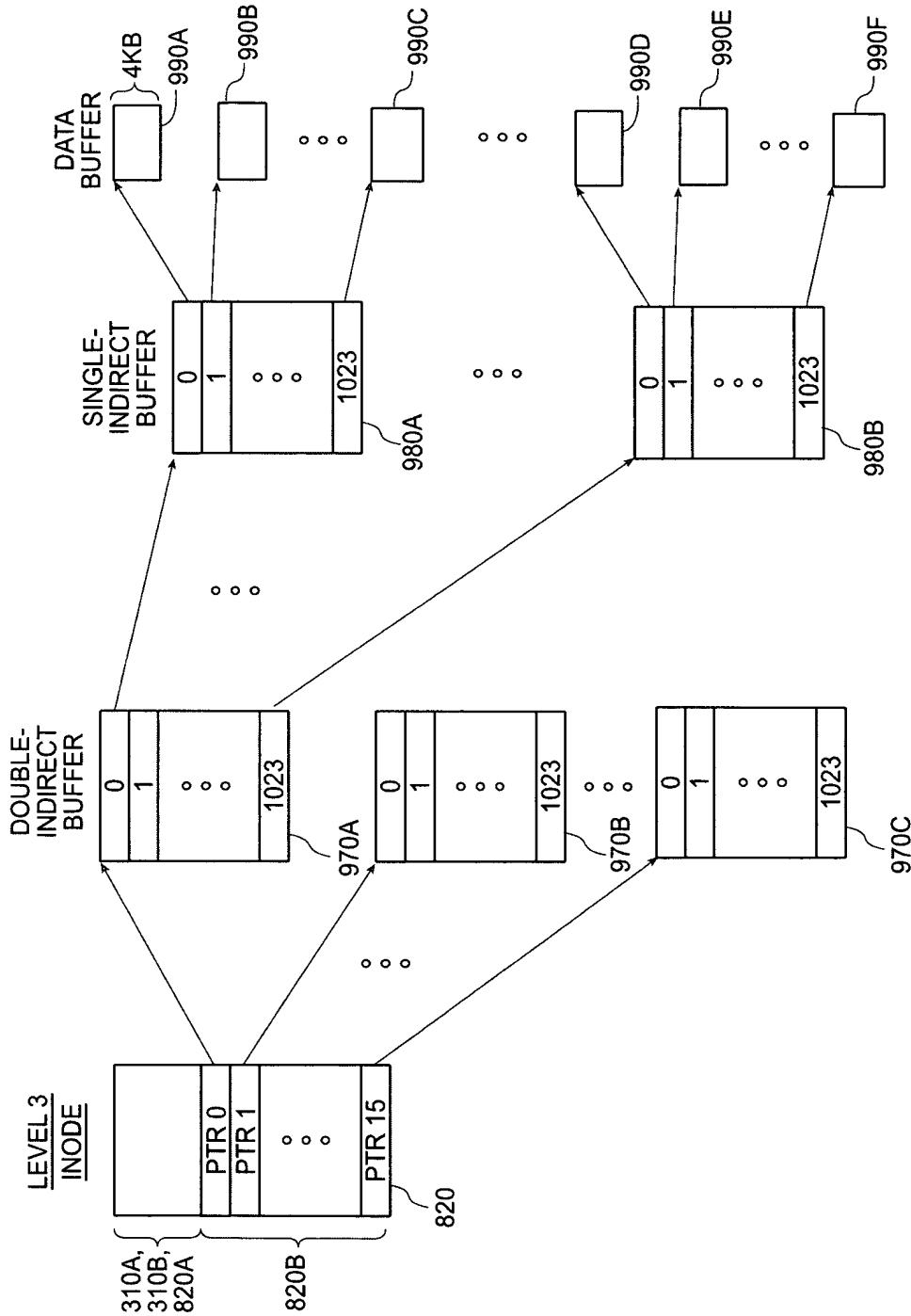


FIG. 9D

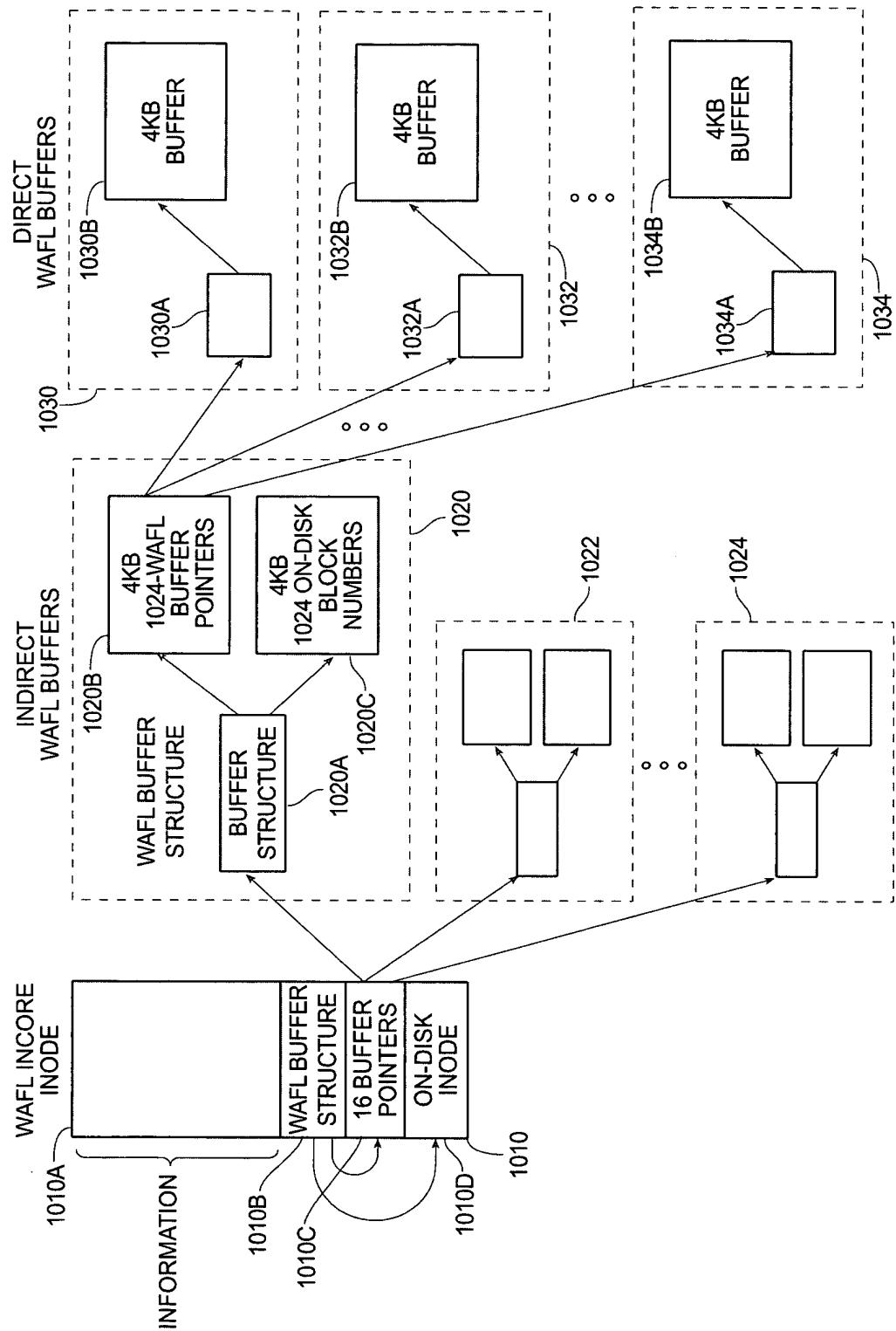


FIG. 10

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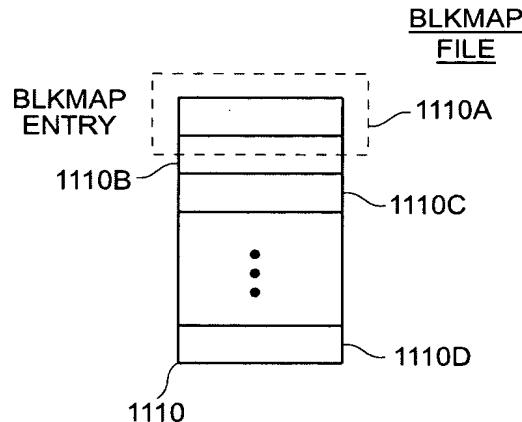


FIG. 11A

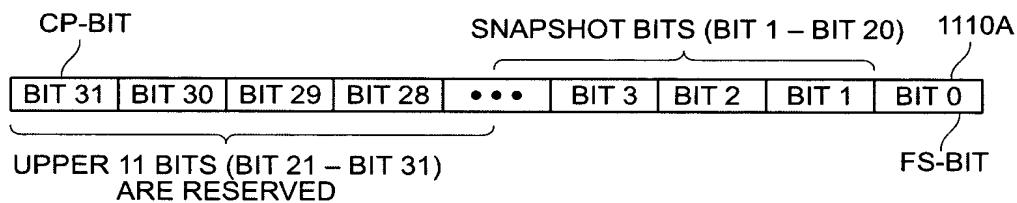


FIG. 11B

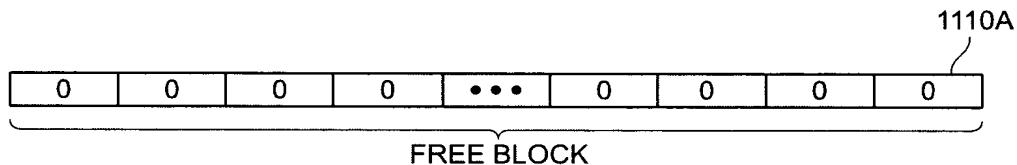


FIG. 11C

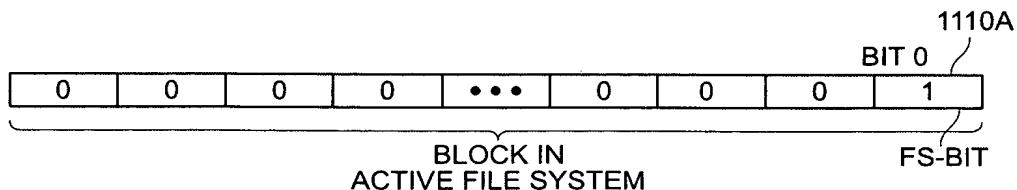


FIG. 11D

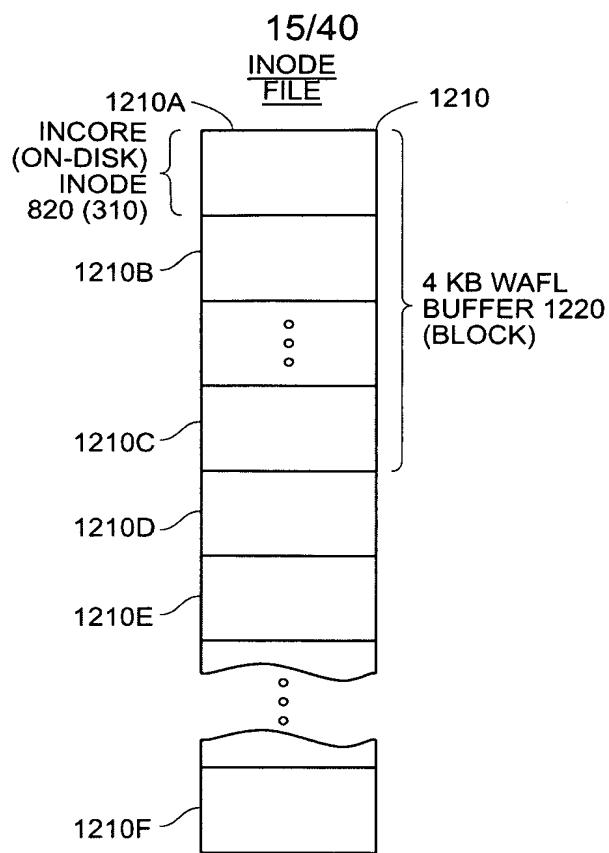


FIG. 12

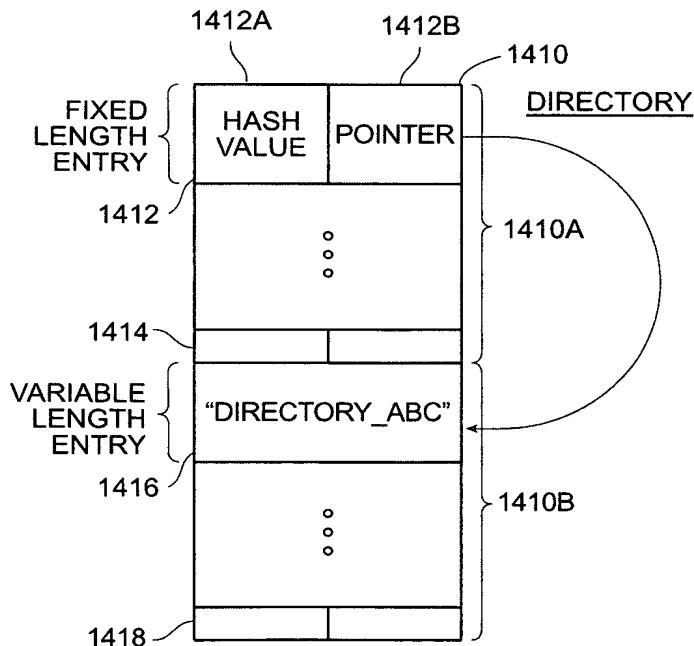


FIG. 14

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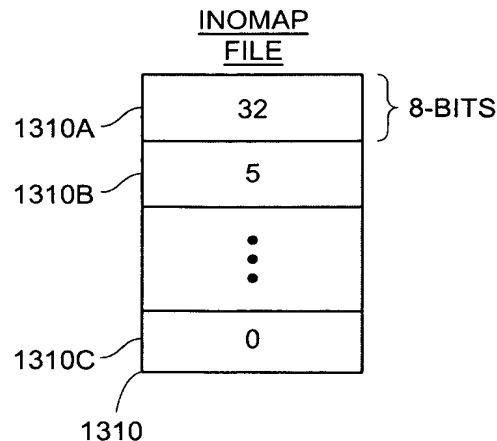


FIG. 13A

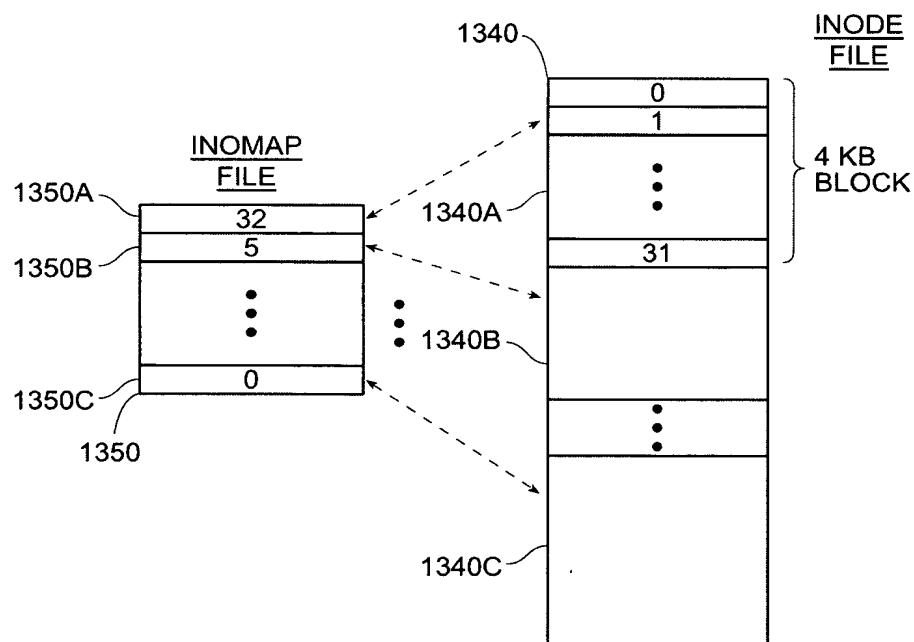


FIG. 13B

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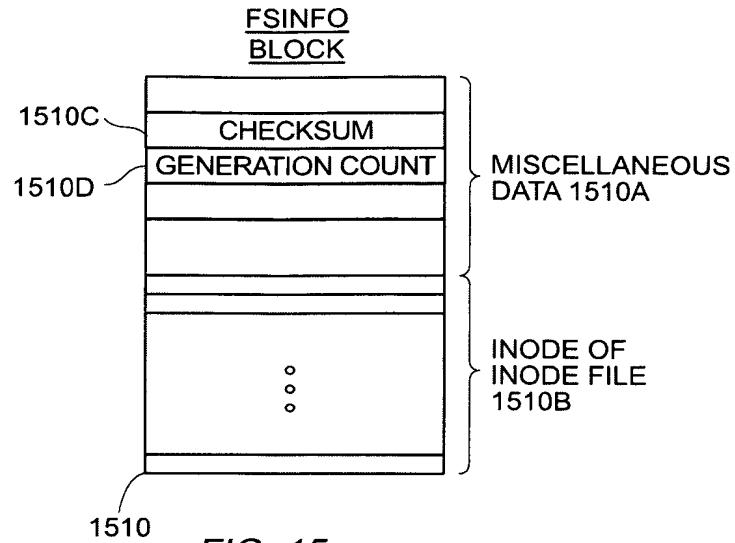


FIG. 15

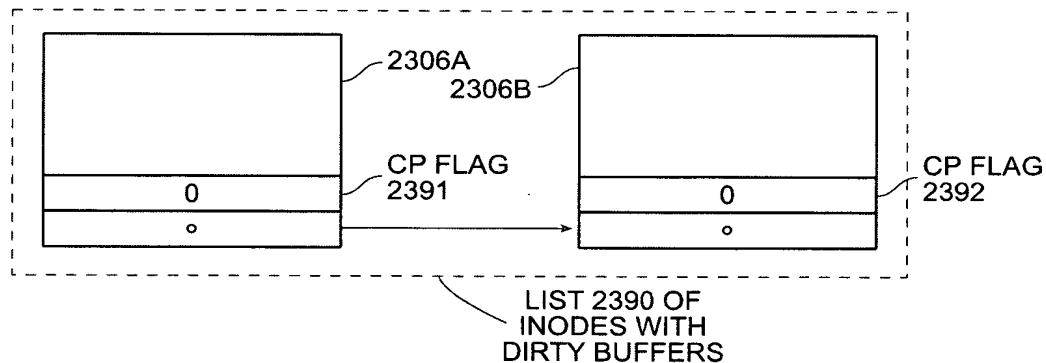


FIG. 17A

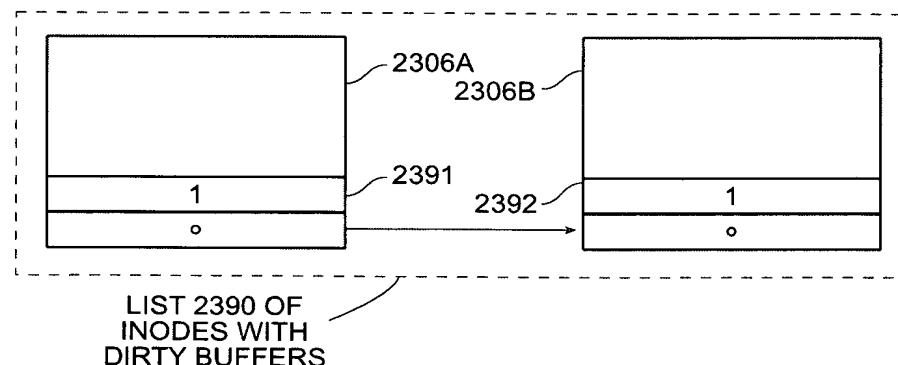


FIG. 17I

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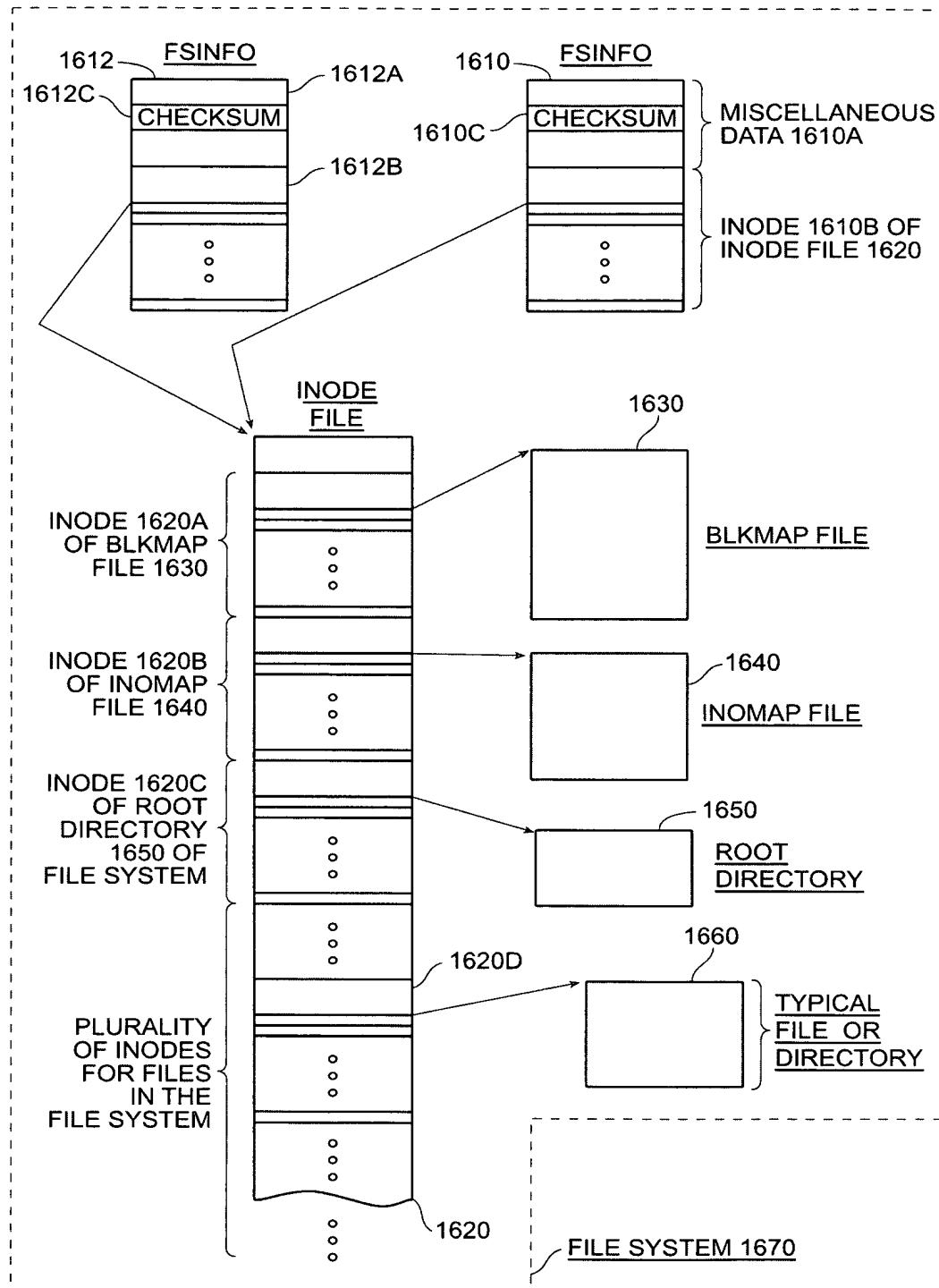


FIG. 16

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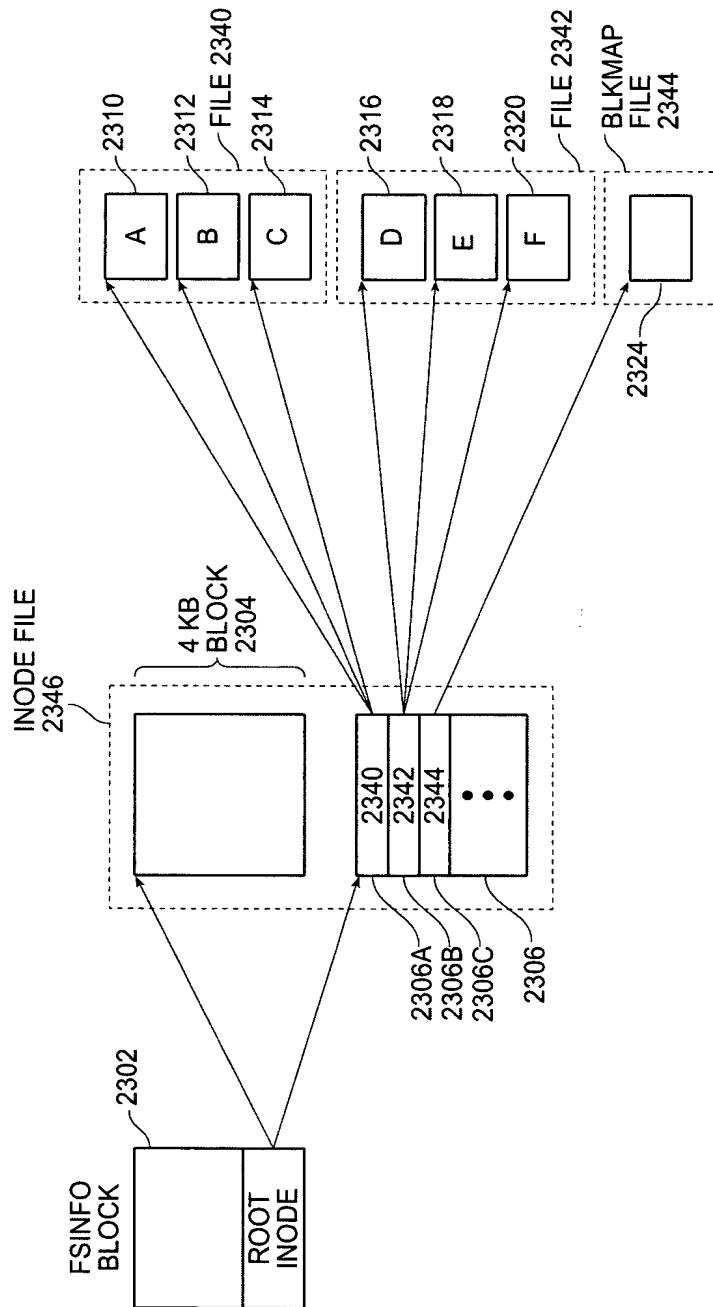


FIG. 17B

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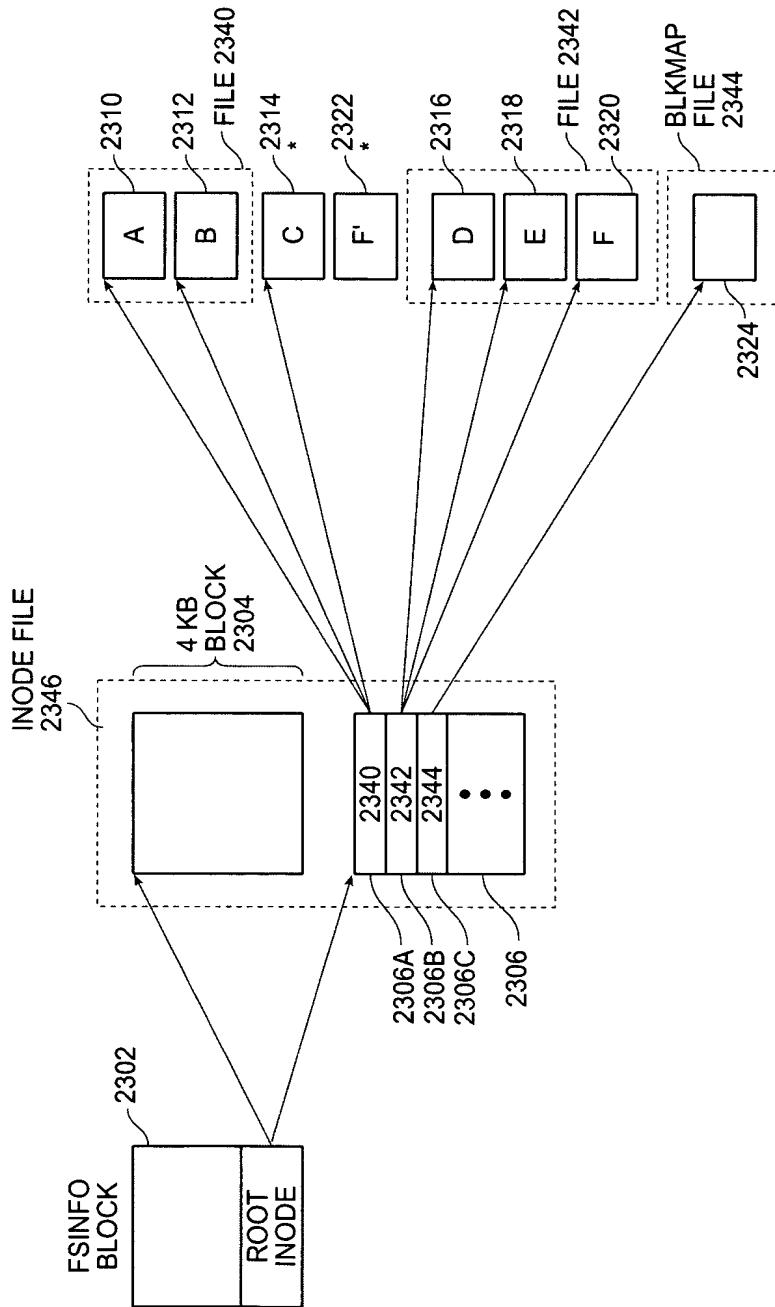


FIG. 17C

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| | BIT 31 (CP-BIT) | BIT 1 | BIT 0 (FS-BIT) | |
|------|--------------------|-------------|-------------------|---|
| 2304 | 1 | ○○○ | 1 | 1 |
| 2306 | 1 | ○○○ | 1 | 1 |
| 2308 | 0 | ○○○ | 0 | 0 |
| 2310 | 1 | ○○○ | 1 | 1 |
| 2312 | 1 | ○○○ | 1 | 1 |
| 2314 | 1 | ○○○ | 1 | 0 |
| 2316 | 1 | ○○○ | 1 | 1 |
| 2318 | 1 | ○○○ | 1 | 1 |
| 2320 | 1 | ○○○ | 1 | 1 |
| 2322 | 0 | ○○○ | 0 | 0 |
| 2324 | 1 | ○○○ | 1 | 1 |
| 2326 | 0 | ○○○ | 0 | 0 |
| 2328 | 0 | ○○○ | 0 | 0 |
| | | ○ ○ ○ | | |

4 KB
BLOCK
2324

FIG. 17D

| BLOCK # | BIT 31 (CP-BIT) | BIT 1 | BIT 0 (FS-BIT) | |
|---------|--------------------|-------------|-------------------|---|
| 2304 | 1 | ○○○ | 1 | 1 |
| 2306 | 0 | ○○○ | 1 | 0 |
| 2308 | 1 | ○○○ | 0 | 1 |
| 2310 | 1 | ○○○ | 1 | 1 |
| 2312 | 1 | ○○○ | 1 | 1 |
| 2314 | 0 | ○○○ | 1 | 0 |
| 2316 | 1 | ○○○ | 1 | 1 |
| 2318 | 1 | ○○○ | 1 | 1 |
| 2320 | 0 | ○○○ | 1 | 0 |
| 2322 | 1 | ○○○ | 0 | 1 |
| 2324 | 0 | ○○○ | 1 | 0 |
| 2326 | 1 | ○○○ | 0 | 1 |
| 2328 | | ○○○ | | |
| | | ○ ○ ○ | | |

4 KB
BLOCK
2326

FIG. 17J

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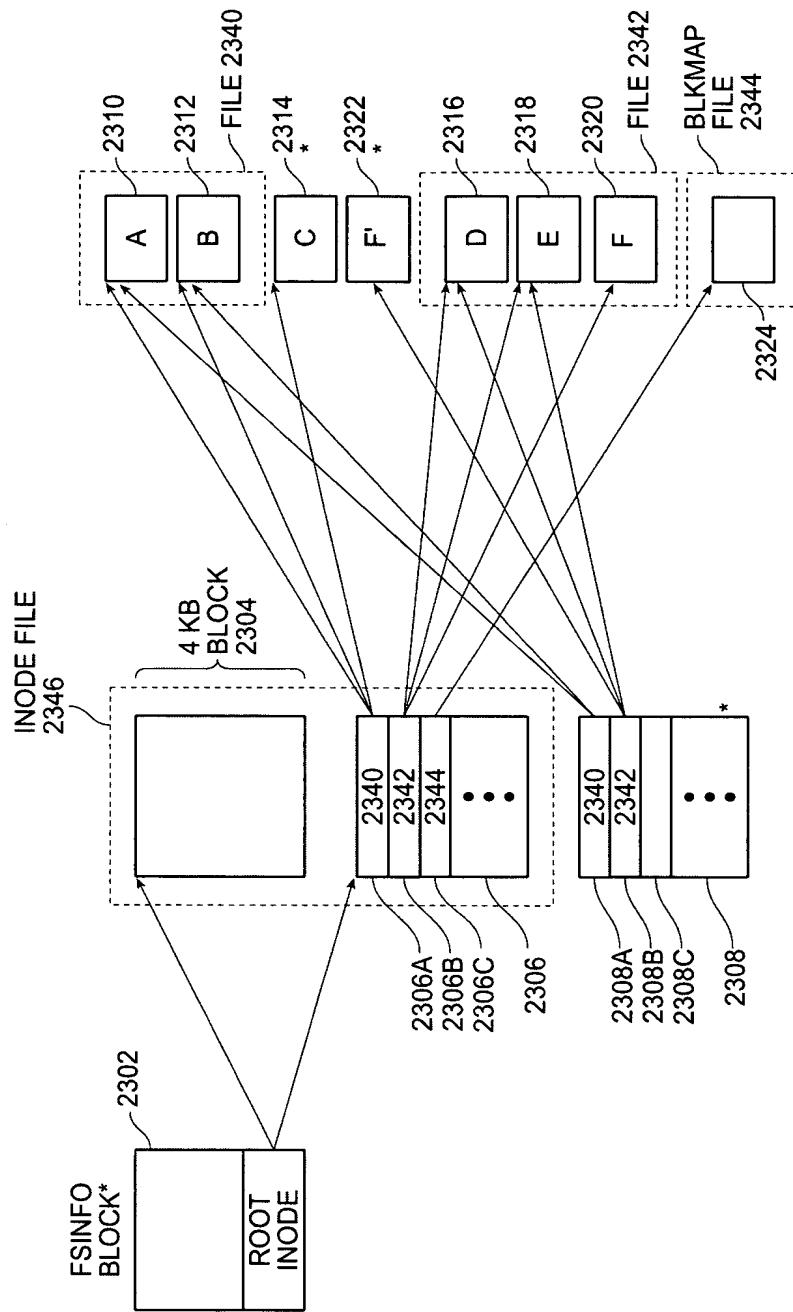


FIG. 17E

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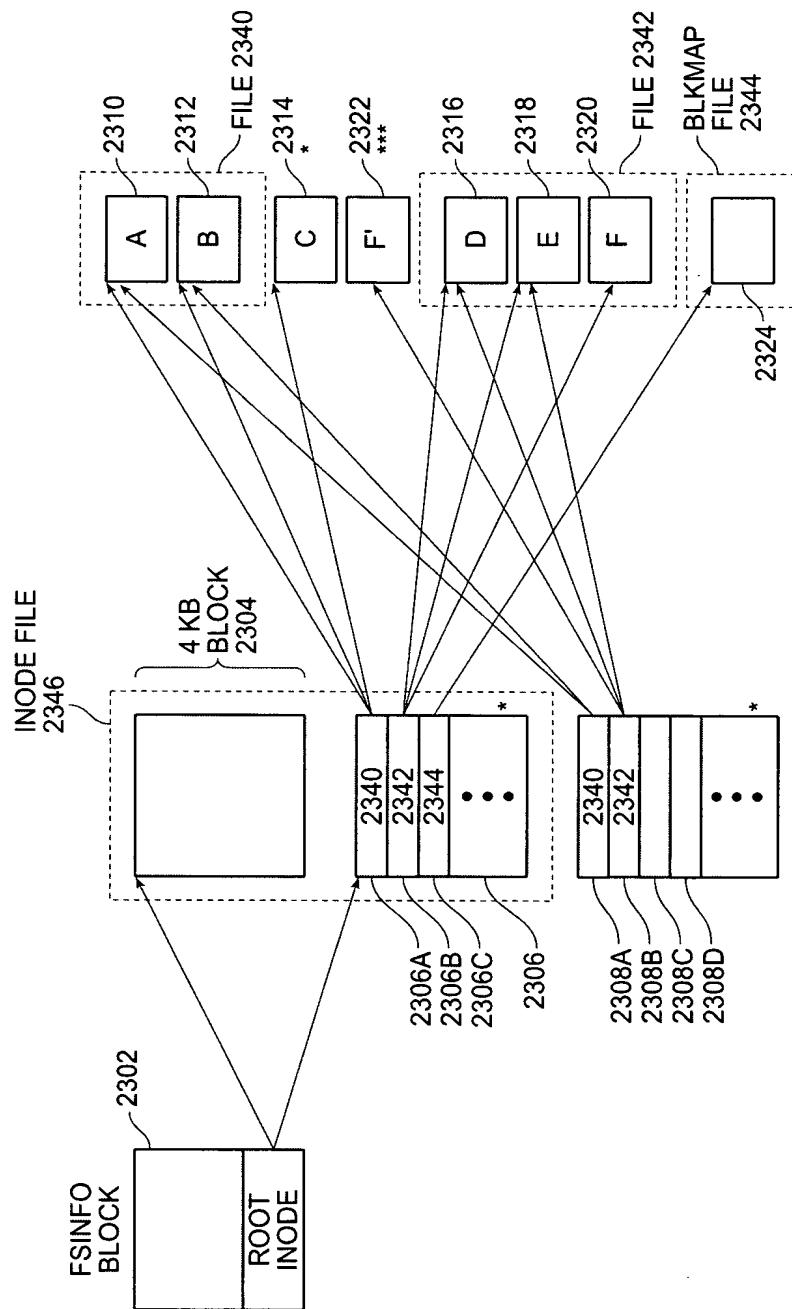


FIG. 17F

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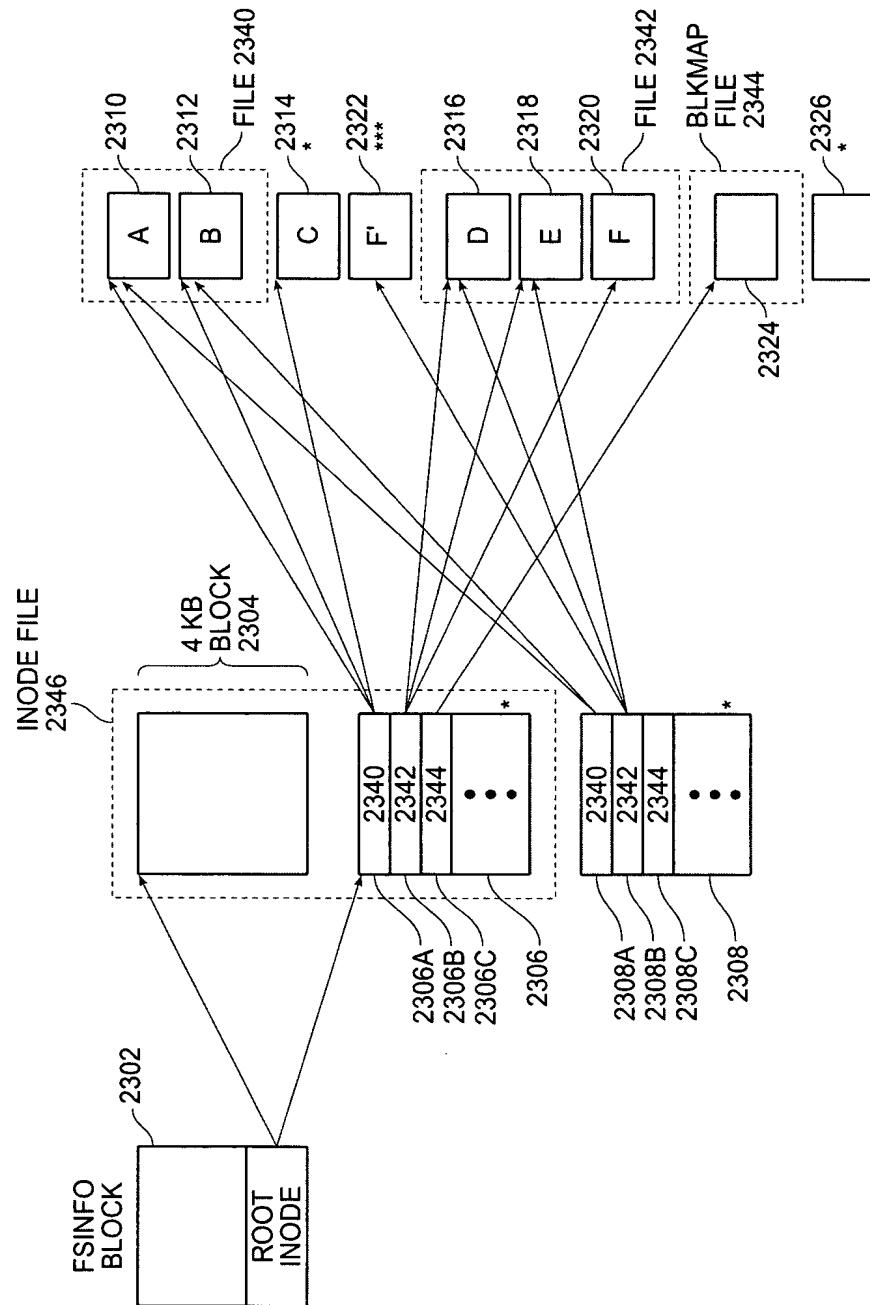


FIG. 17G

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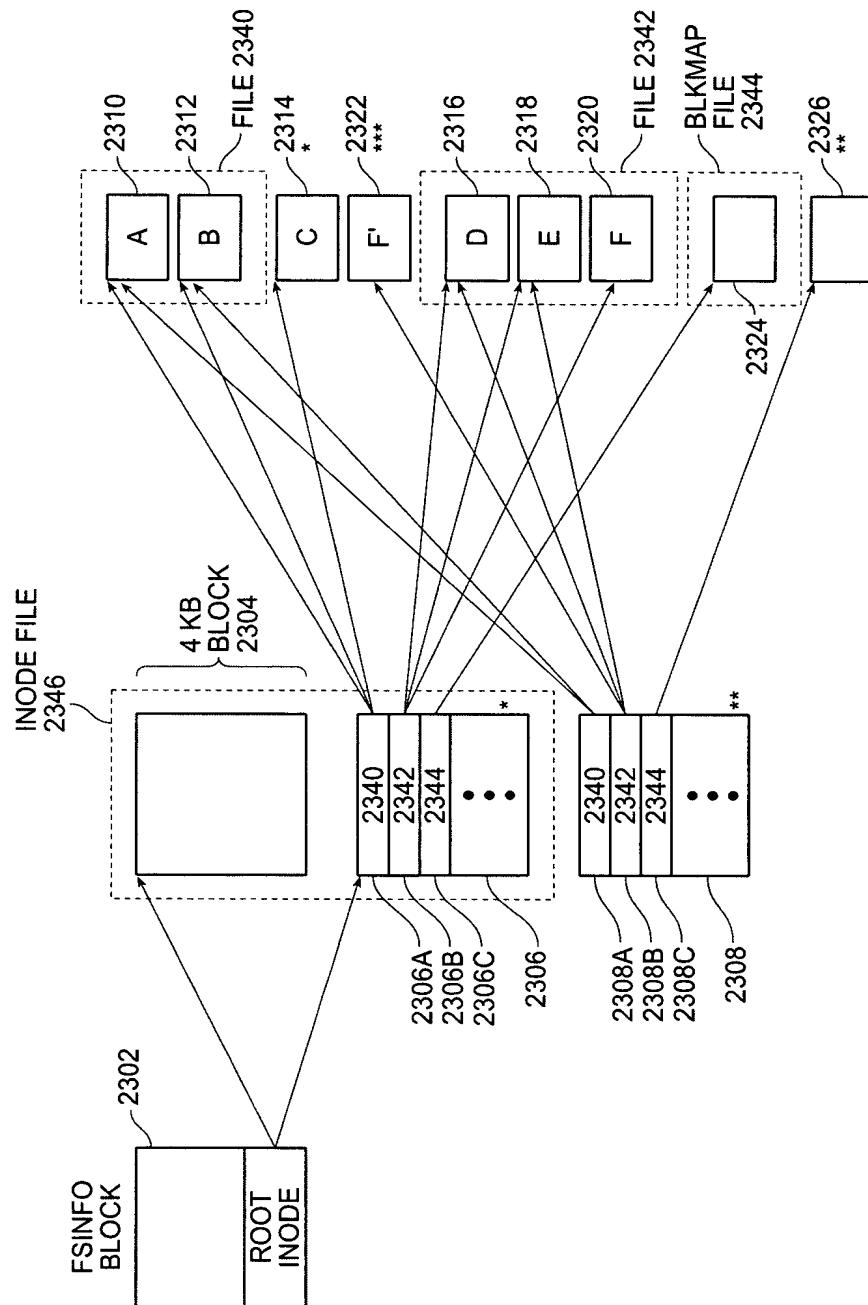


FIG. 17H

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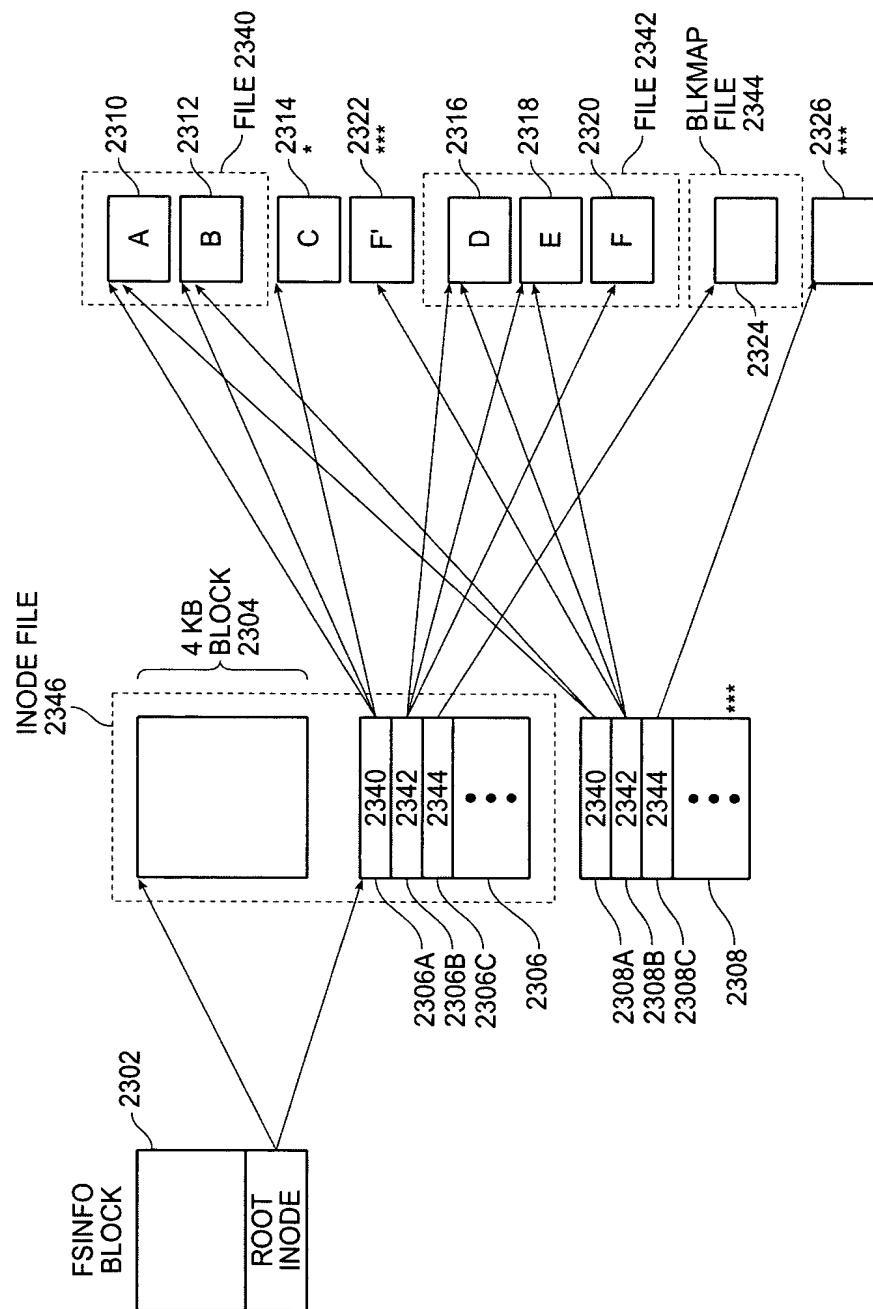


FIG. 17K

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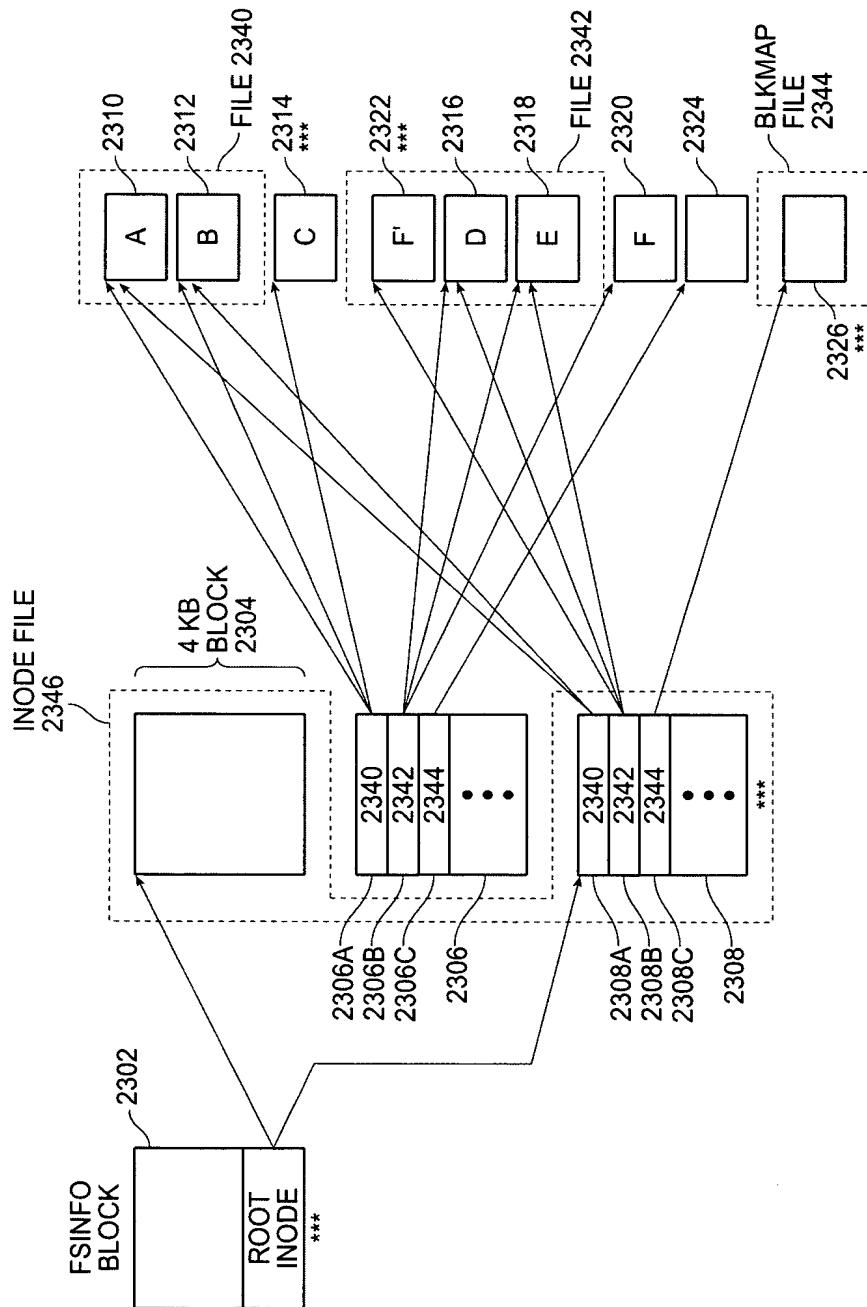


FIG. 17L

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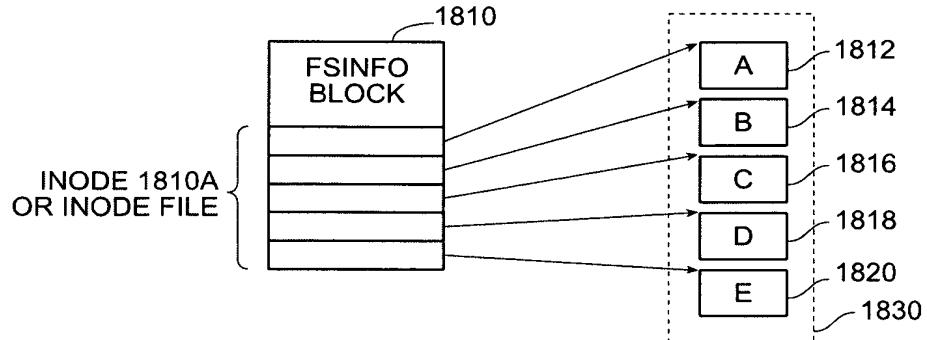


FIG. 18A

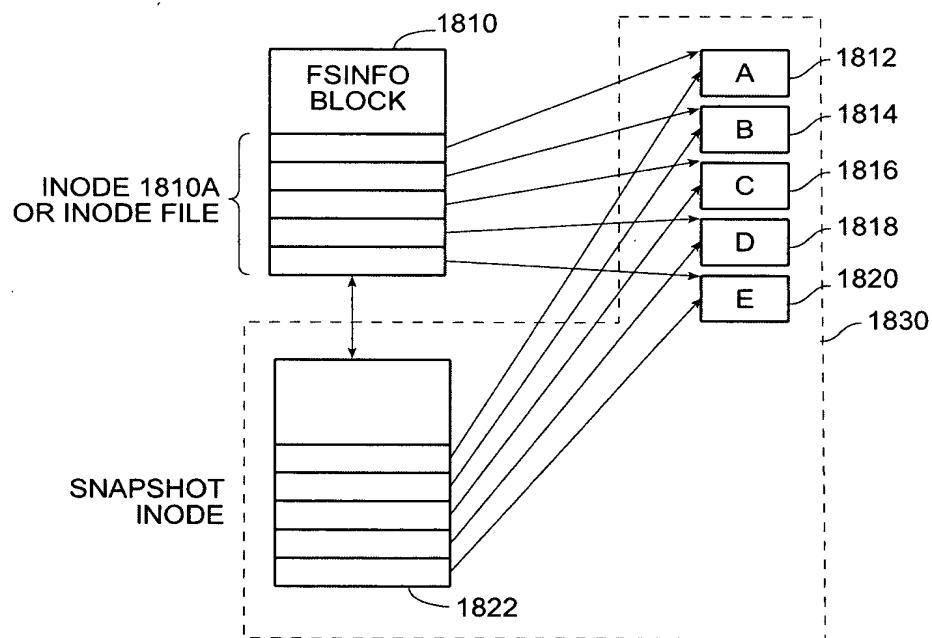


FIG. 18B

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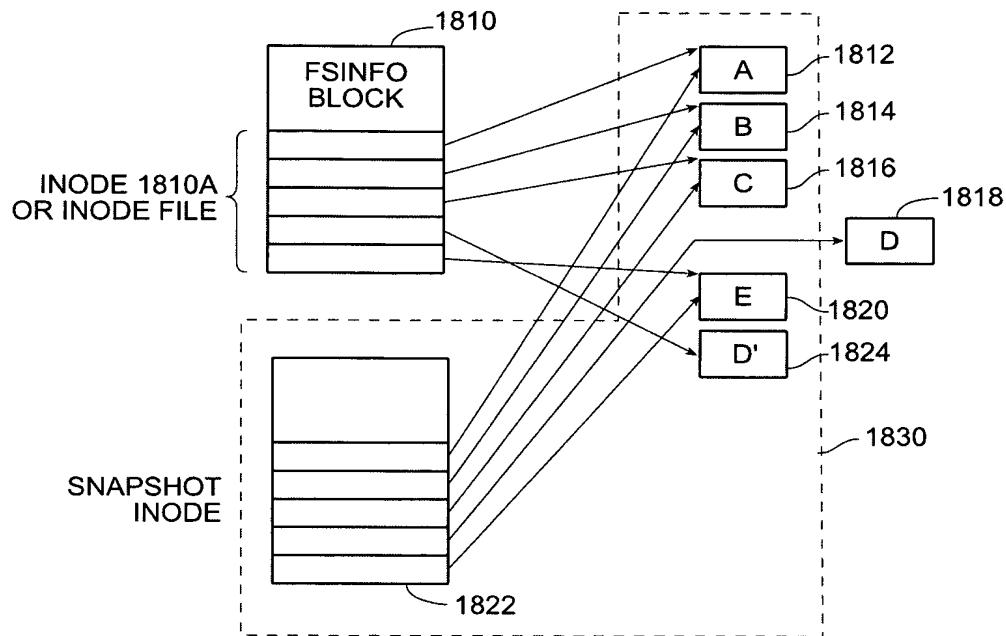


FIG. 18C

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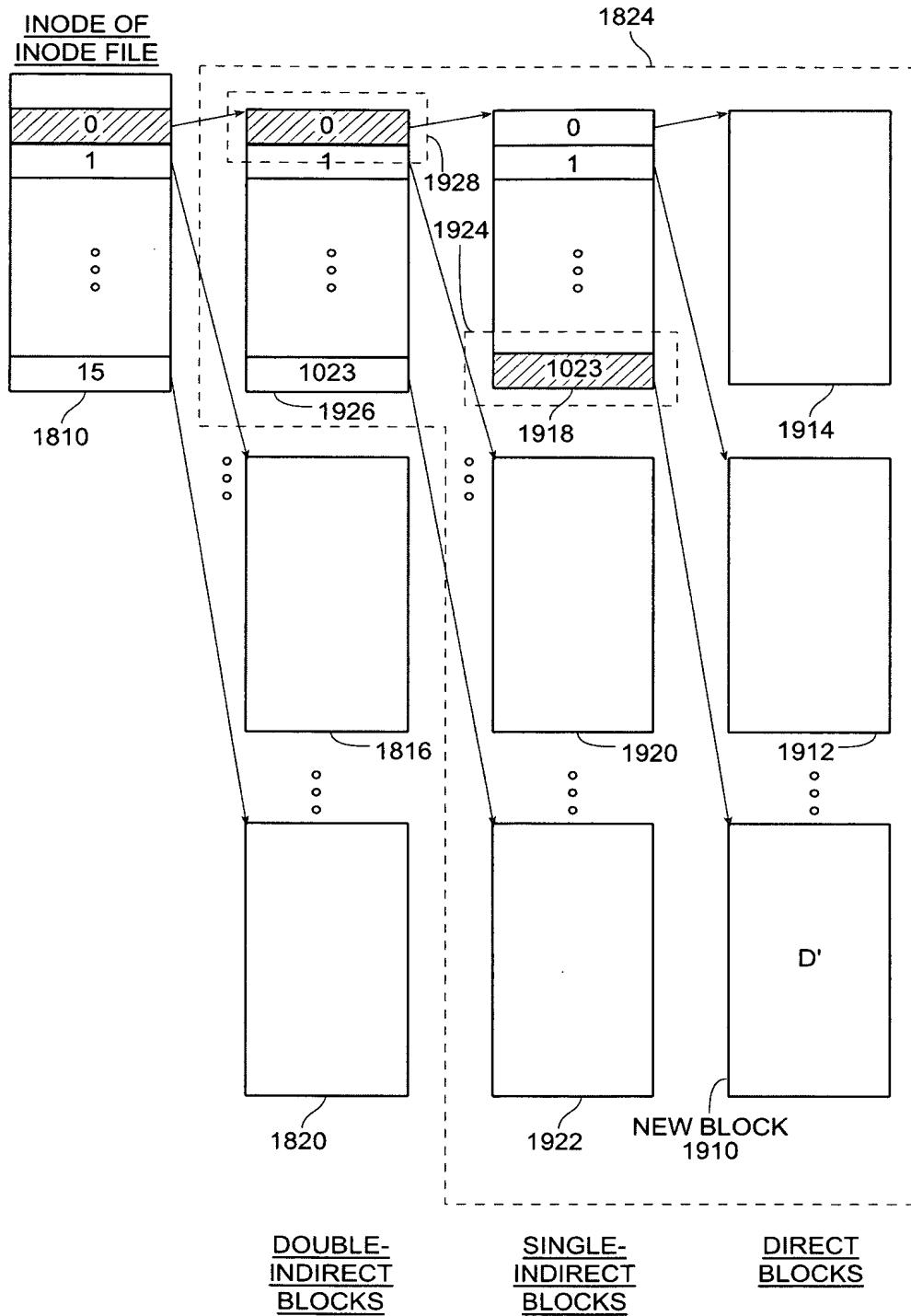


FIG. 19

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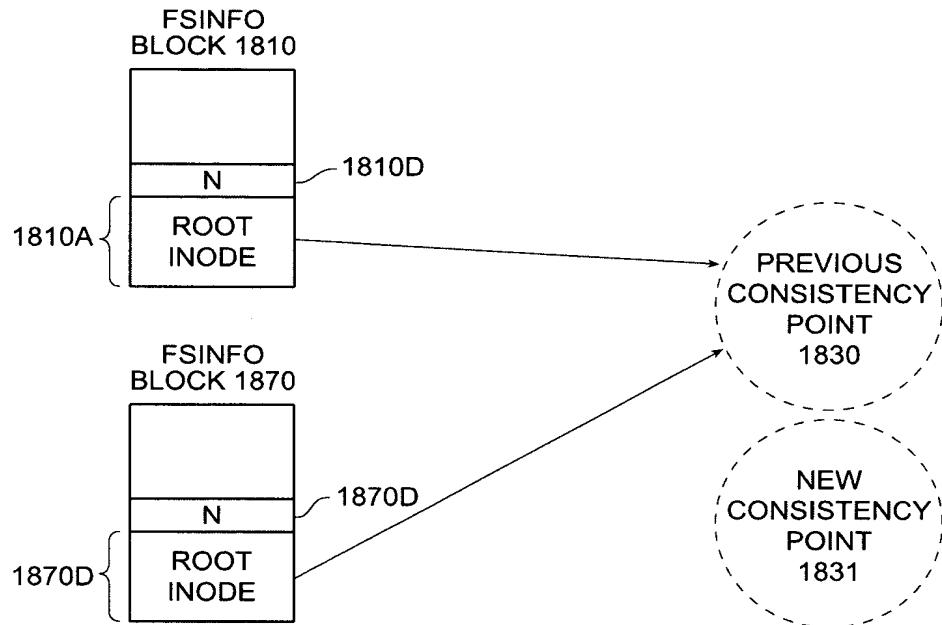


FIG. 20A

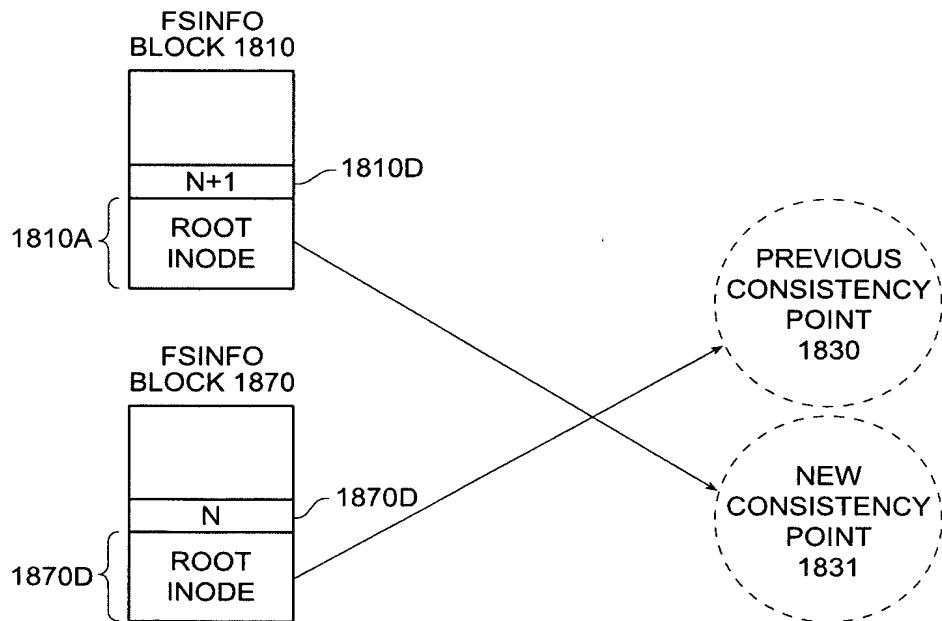


FIG. 20B

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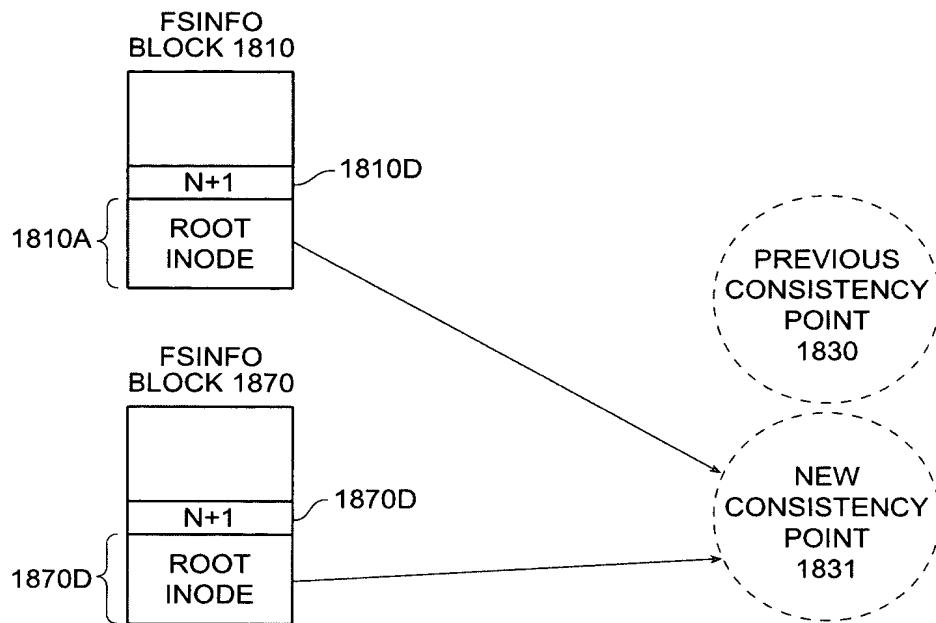


FIG. 20C

SNAPSHOT 2 BIT

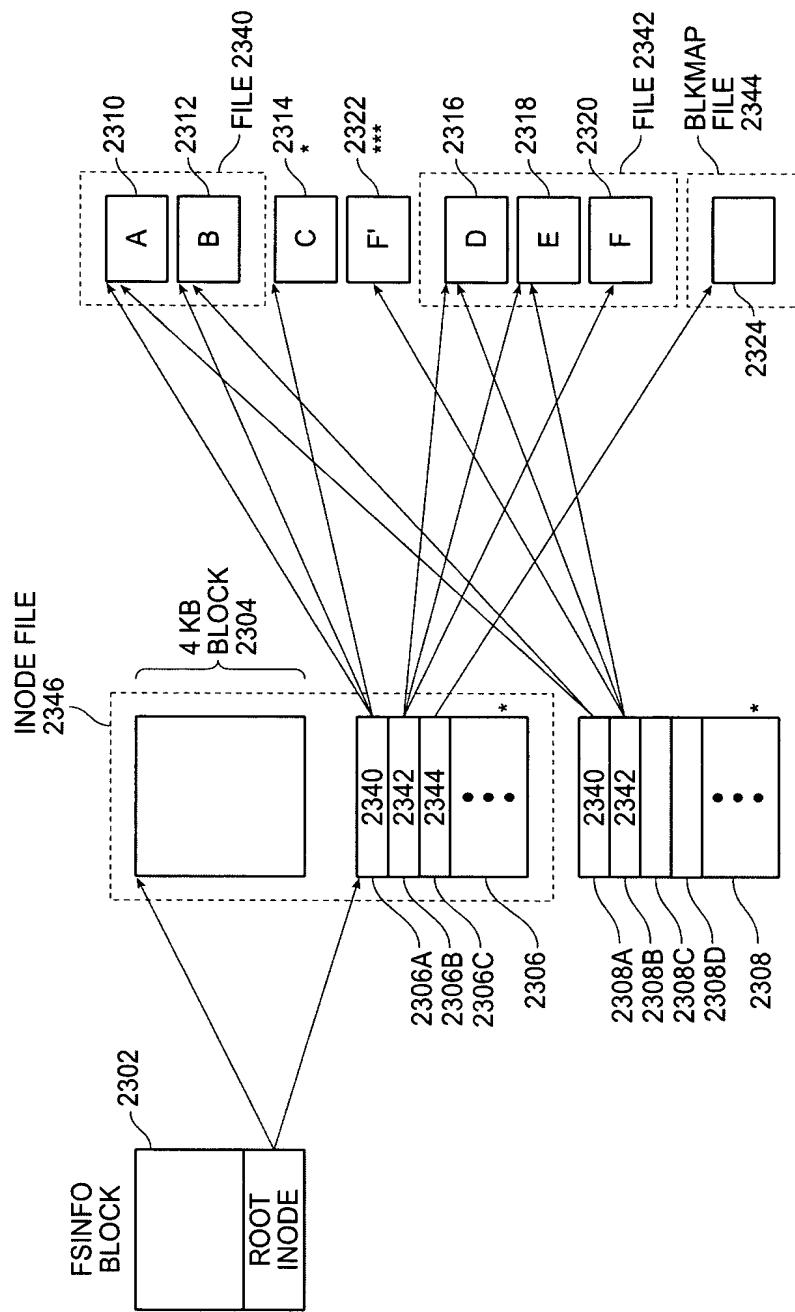
| BLOCK # | BIT 31 (CP-BIT) | BIT 2 | BIT 1 | BIT 0 (FS-BIT) | |
|---------|--------------------|-------|-------|-------------------|---|
| 2304 | 1 | ... | 1 | 1 | 1 |
| 2306 | 0 | ... | 0 | 1 | 0 |
| 2308 | 1 | ... | 1 | 0 | 1 |
| 2310 | 1 | ... | 1 | 1 | 1 |
| 2312 | 1 | ... | 1 | 1 | 1 |
| 2314 | 0 | ... | 0 | 1 | 0 |
| 2316 | 1 | ... | 1 | 1 | 1 |
| 2318 | 1 | ... | 1 | 1 | 1 |
| 2320 | 0 | ... | 0 | 1 | 0 |
| 2322 | 1 | ... | 1 | 0 | 1 |
| 2324 | 0 | ... | 0 | 1 | 0 |
| 2326 | 1 | ... | 1 | 0 | 1 |
| 2328 | | ... | | | |
| | | ... | | | |
| | | ... | | | |

2326A
 2326B
 2326C
 2326D
 2326E
 2326F
 2326G
 2326H
 2326I
 2326J
 2326K
 2326L

4 KB BLOCK 2326

FIG. 21E

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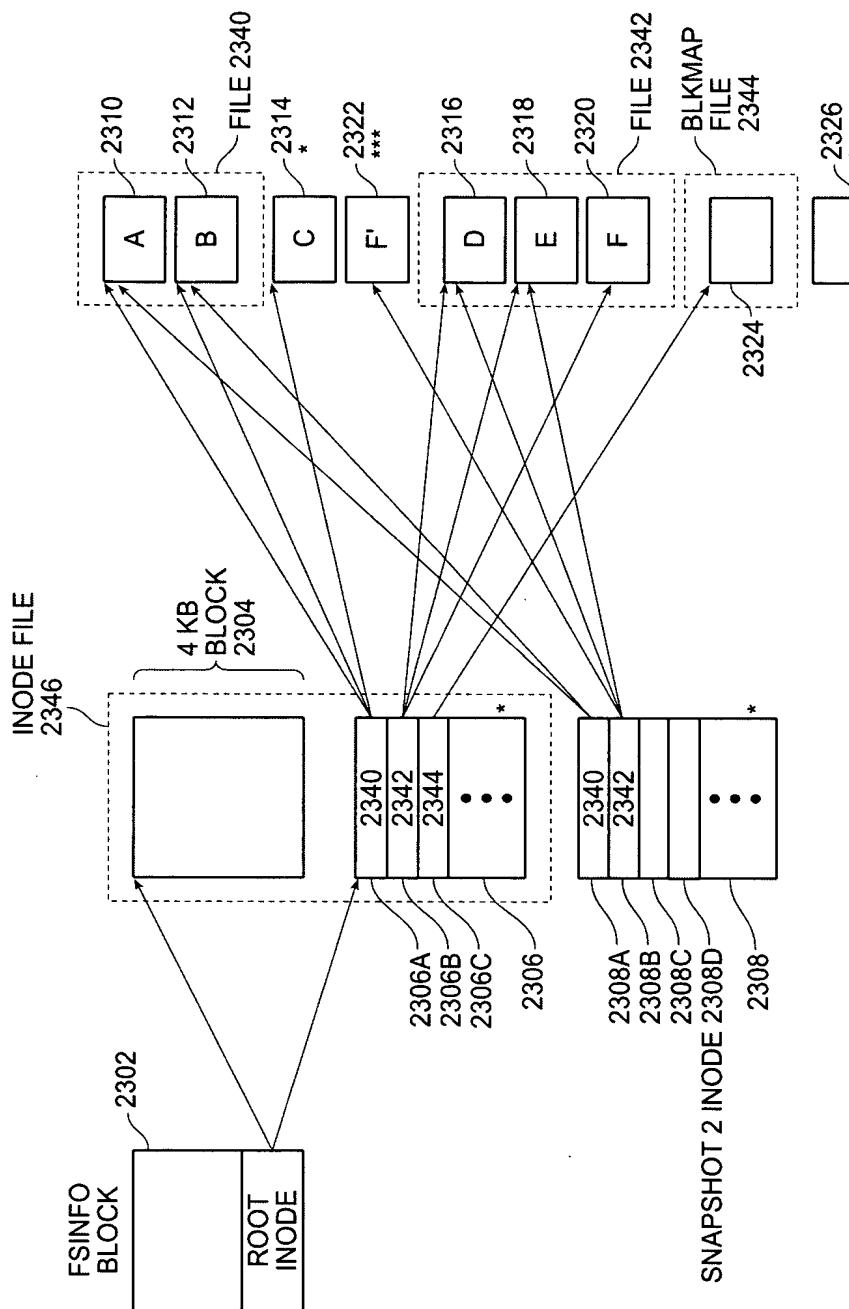


FIG. 21B

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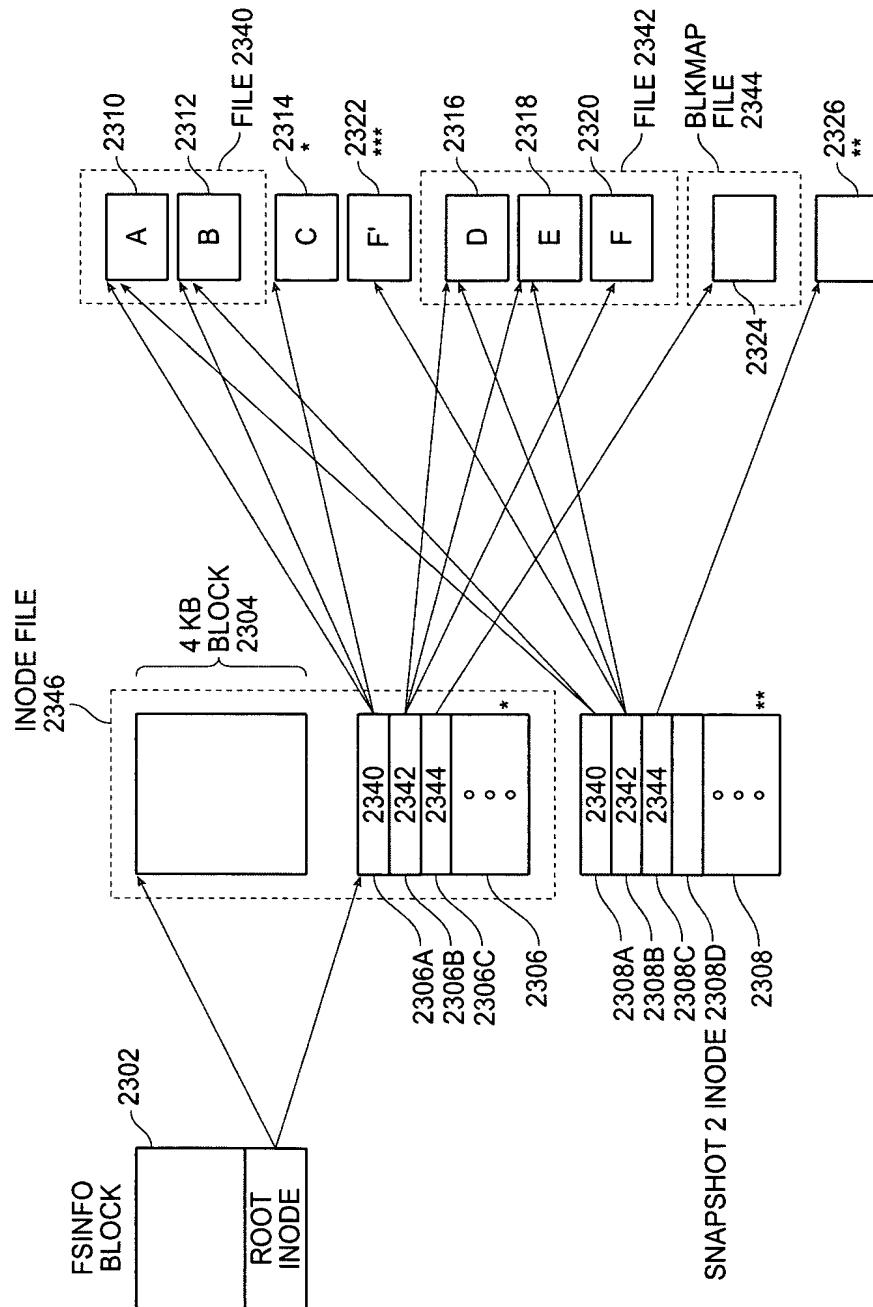


FIG. 21C

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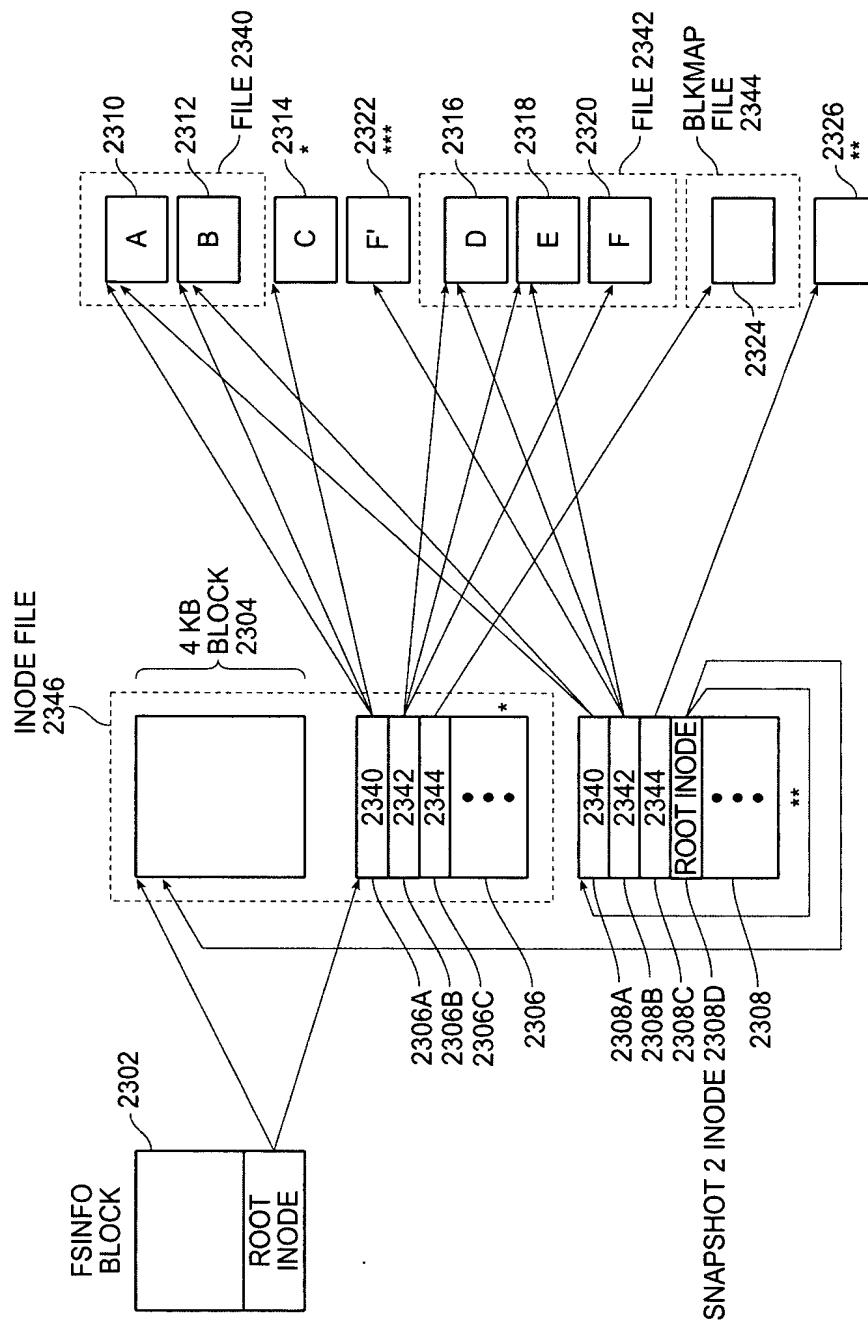


FIG. 21D

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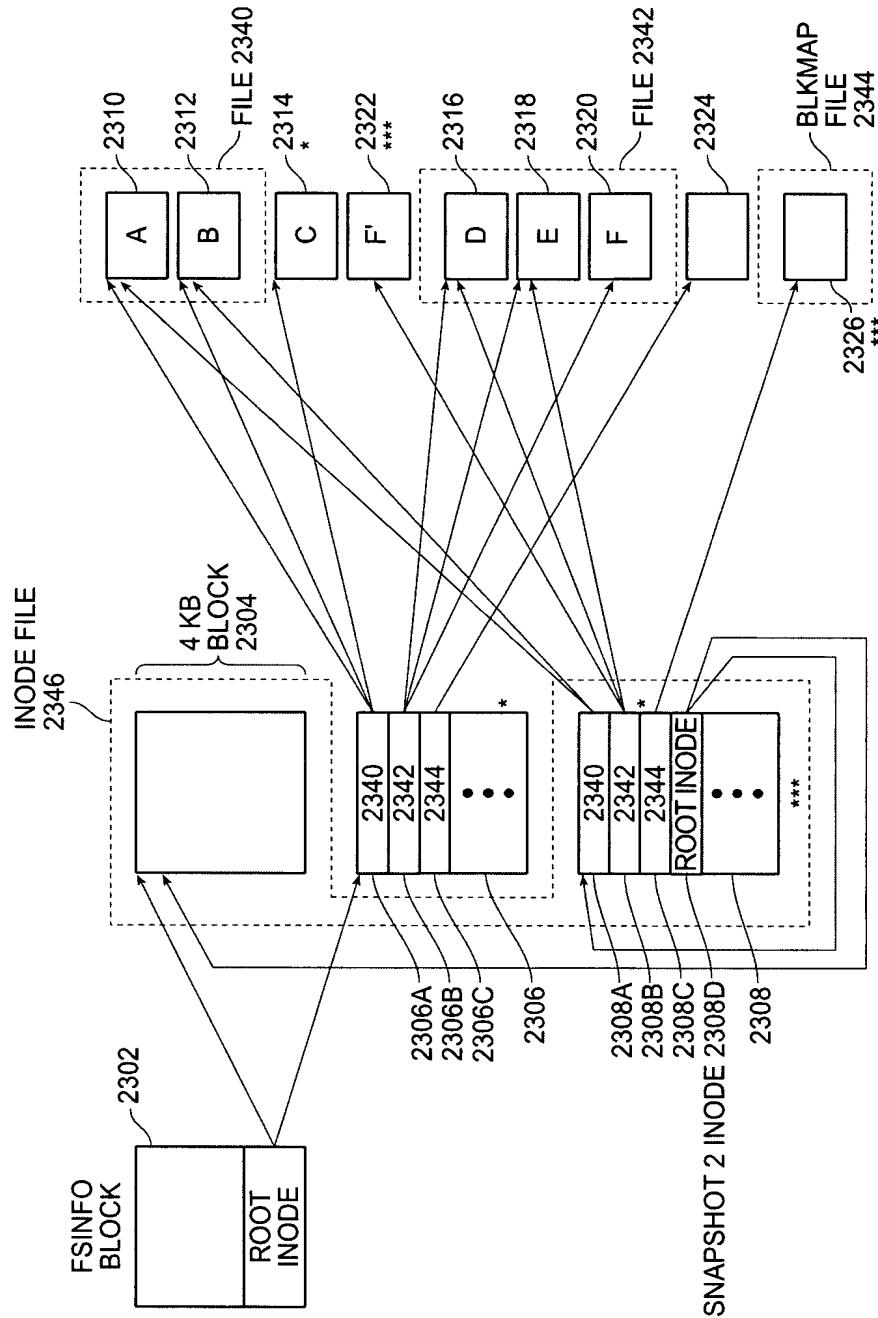


FIG. 21F

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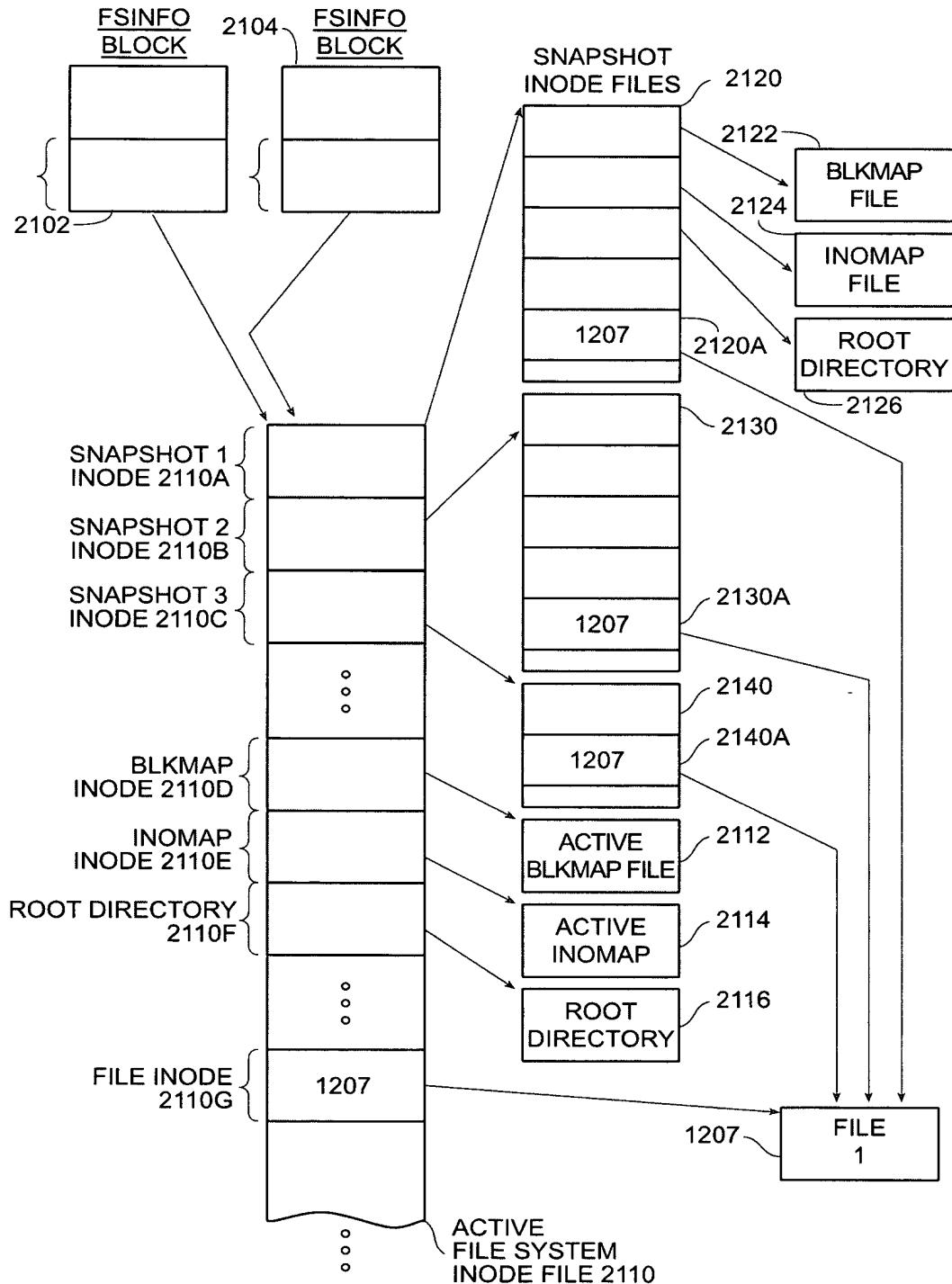


FIG. 22

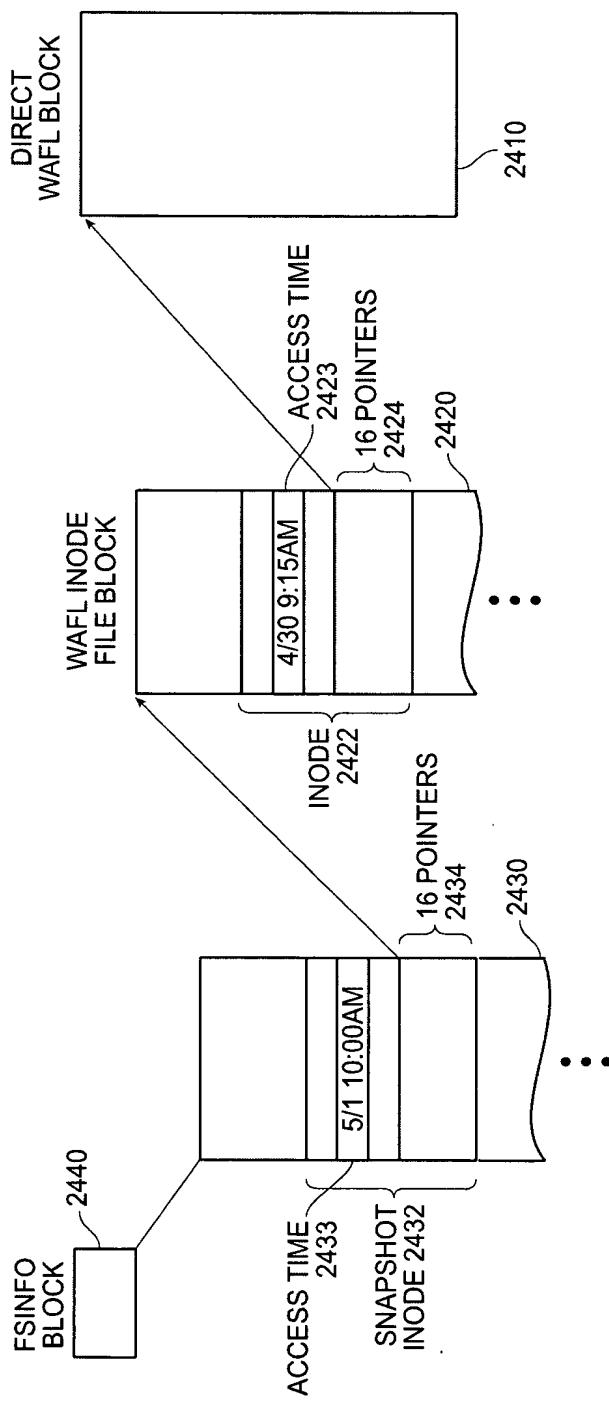


FIG. 23A

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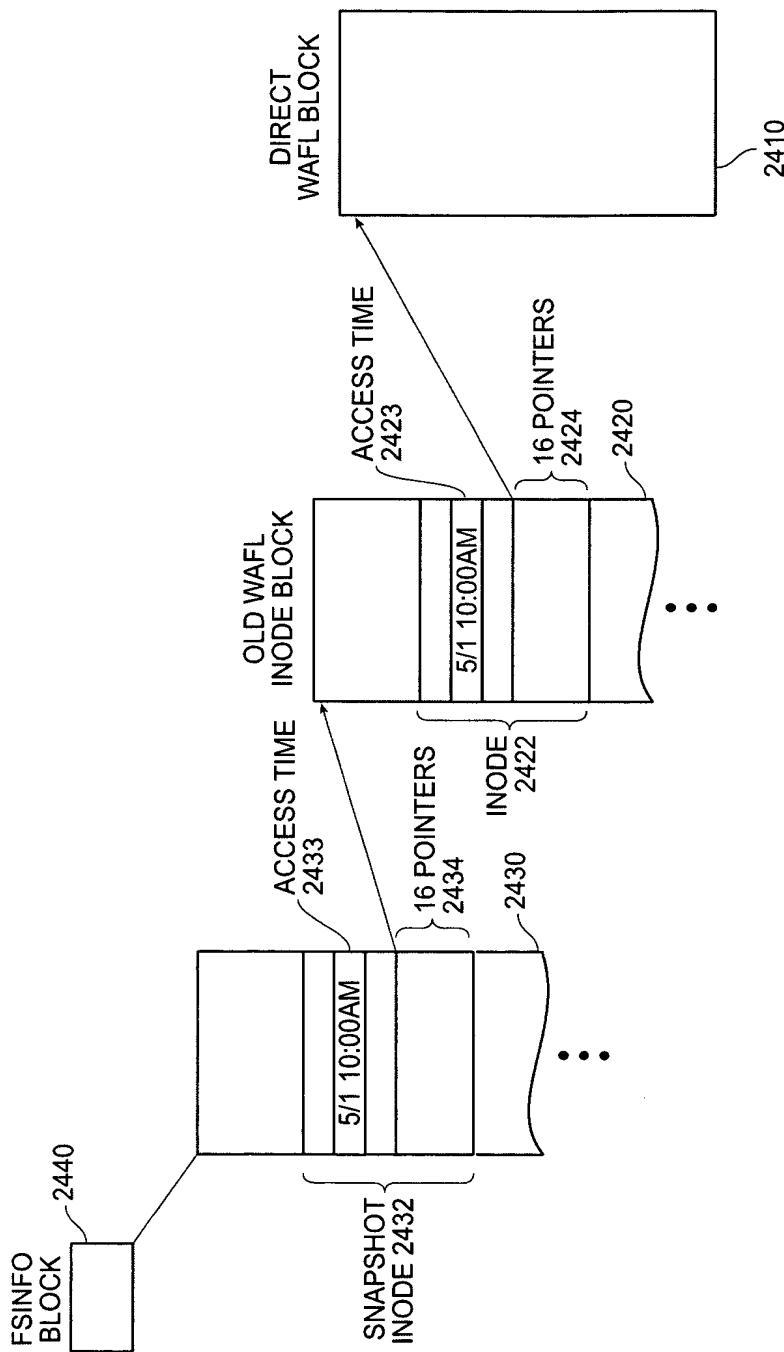


FIG. 23B